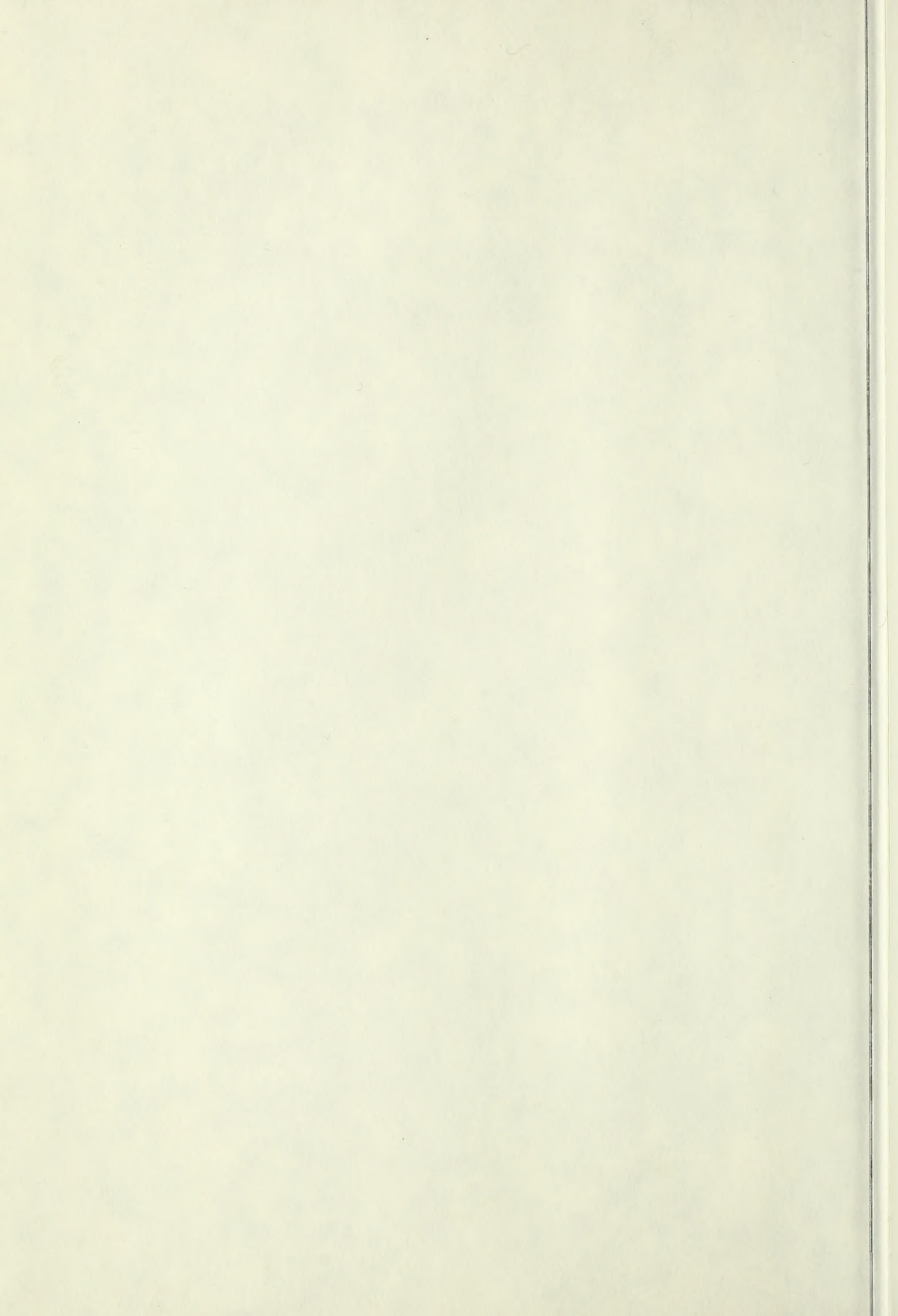


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# 5 9/1 NORTH CAROLINA FARM REPORT



NORTH CAROLINA  
Crop & Livestock  
Reporting Service

P.O. Box 27767

JAN 10 1979

1 West Edenton Street

Raleigh, N. C. 27611

Phone (919) 755-4394

Released: January 8, 1979

5-FR79-1

Semi-Monthly

## FARROWING INTENTIONS INCREASE

Intentions of North Carolina producers are to increase farrowings by 9 percent during December 1978-February 1979 and by 13 percent during March-May 1979.

North Carolina farrowings increased 17 percent during the past three months to 117,000 from the same quarter a year earlier. The June-August 1978 farrowings showed a decrease over the previous year's quarter of 2 percent to 120,000. The average number of pigs per litter saved was 7.0 for September-November and 7.4 for June-August.

Hog producers in North Carolina had an estimated 2,350,000 hogs and pigs on hand December 1, 1978. This was an increase of 2 percent from the previous year and set a record high for this date.

U. S. hog producers intend to farrow 6.9 million sows during December 1978-May 1979 period, an increase of 15 percent from the same period a year earlier. (See Table on Page 7.)

## INCREASE NOTED FOR RYE IN 1979

Acreage of rye seeded in North Carolina during the Fall of 1978 is estimated at 145,000 acres, 7 percent more than a year earlier. The Nation's rye acreage seeded for the 1979 crop totaled 3.1 million acres, 3 percent more than a year earlier.

## FARM NUMBERS DROP 1%

The number of farms in North Carolina for 1979 is estimated at 99,000. This compares to 100,000 a year earlier and continues a downward trend. Total land in farms is estimated at 12.4 million acres, unchanged from 1978. The average size of farm has continued to rise and is placed at 125 acres for 1979.

Two series of estimates of farm numbers and land in farms are shown in this publication. The series are identified as 'Old Definition' and 'New Definition'. These definitions are explained in the table footnotes. The 'New Definition' is also being used by the U. S. Department of Commerce, Bureau of the Census, for the 1978 Census of Agriculture.

The change in farm definition reduced the number of North Carolina farms by 13 percent for 1978. Land in farms estimate was reduced by 5 percent under the new definition.

There were 2.37 million farms in the U.S. in 1978 which had annual sales of agricultural products of \$1,000 or more, a decline of 2 percent from 1977. The 1979 preliminary estimate of U. S. farm numbers is 2.33 million.

In the U. S., total land in farms for 1978 was 1,052 million acres, slightly less than the 1,055 million acres estimated for 1977. The preliminary estimate for 1979 is 1,049 million acres. The average size of farm in the U. S. is estimated at 450 acres for 1979. (See Table on Page 5.)



## U. S. PRICES RECEIVED INDEX UP 6 POINTS PRICES PAID INDEX UP 2 POINTS

The December Index of Prices Received by Farmers increased 6 points (3 percent) to 221 percent of its January-December 1967 average. Contributing most to the increase since November were higher prices for cattle, hogs, eggs, calves, corn and soybeans. Lower prices for wheat, citrus and barley were partially offsetting. The index was 40 points (22 percent) above a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates for December 15 was 226, up 2 points (1 percent) from mid-November. Higher prices for feeder livestock, feed and family living items were the major contributors to the index rise. The index was 23 points (11 percent) higher than a year earlier.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Dec. 15 1975	Dec. 15 1976	Dec. 15 1977	Nov. 15 1978	Dec. 15 1978
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	<u>3/</u> 172	172	<u>3/</u> 173	188	189
All Crops.....	<u>3/</u> 160	172	174	196	197
Tobacco.....	<u>3/</u> 150	164	166	191	191
Cotton.....	<u>3/</u> 203	-	-	-	-
Oil Bearing.....	<u>3/</u> 168	215	<u>3/</u> 204	<u>3/</u> 219	223
Grains.....	189	166	<u>3/</u> 161	171	177
Commercial Vegetables.....	<u>3/</u> 186	161	195	<u>3/</u> 219	226
Fruits.....	<u>3/</u> 169	<u>3/</u> 188	180	253	239
Livestock and Livestock Products.....	193	172	175	173	175
Meat Animals.....	<u>3/</u> 214	<u>3/</u> 168	190	250	257
Poultry.....	190	175	168	130	129
Dairy.....	170	169	<u>3/</u> 175	186	187
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	<u>3/</u> 186	<u>3/</u> 178	181	<u>3/</u> 215	221
Prices Paid, Commodities & Services <u>1/</u> .....	<u>3/</u> 184	<u>3/</u> 193	203	224	226
Parity Ratio <u>2/</u> .....	<u>3/</u> 101	<u>3/</u> 92	89	96	98

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### HIGHER CROP AND LIVESTOCK PRICES

The average prices received for crops by North Carolina farmers at local markets about mid-December were generally higher compared to a month earlier. Corn was up 10 cents per bushel and soybeans were up 30 cents per bushel above the mid-November price.

Prices received for livestock in December were also higher with hogs at \$49.70 per hundredweight, \$.80 more than mid-November. Beef cattle, at

\$47.00 per hundredweight, was \$1.50 higher than a month earlier.

Feed prices paid by North Carolina farmers during December were mixed. (See Table, Page 3.) Mixed dairy feeds were generally up from November. Turkey grower feed prices were down from a month earlier but other poultry feeds showed increases from November 1978. High-protein feed prices showed no change from a month ago.



## COMMODITY PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Dec. 15 1977	Nov. 15 1978	Dec. 15 1978*	Dec. 15 1977	Nov. 15 1978	Dec. 15 1978*
		<i>Dollars</i>					
Tobacco.....	Lb.	1.085	1.250	1.275	1.179	1.309	1.294
Corn.....	Bu.	<u>2/</u> 2.22	<u>2/</u> 2.36	2.46	1.96	2.02	2.07
Wheat.....	Bu.	-	-	-	2.47	3.04	2.99
Oats.....	Bu.	-	<u>2/</u> 1.20	1.14	1.12	1.15	1.19
Barley.....	Bu.	-	-	-	1.79	1.92	1.83
Sorghum Grains.	Cwt.	-	-	-	3.05	3.44	3.56
Soybeans.....	Bu.	5.69	<u>2/</u> 6.38	6.68	5.69	6.39	6.53
Peanuts.....	Lb.	.223	.221	.213	.204	.211	.211
Cotton.....	Lb.	-	-	-	.479	.611	.613
Cottonseed....	Ton	-	-	-	67.00	113.00	115.00
Wool.....	Lb.	-	-	-	.693	.797	.768
Hogs.....	Cwt.	41.50	48.90	49.70	41.50	46.70	48.00
Beef Cattle....	Cwt.	26.00	45.50	47.00	35.50	51.50	54.10
Veal Calves....	Cwt.	35.10	63.00	68.70	37.50	66.50	71.90
Milk Cows.....	Hd.	345.00	440.00	440.00	522.00	701.00	733.00
Com'l. Broilers	Lb.	.200	.245	.240	.202	.247	.249
Turkeys.....	Lb.	.450	.440	.450	.402	.466	.496
Eggs <u>1/</u> .....	Doz.	.619	.659	.697	.536	.568	.616
Milk, Whlse....	Cwt.	11.20	11.90	12.00	10.20	11.60	11.80
Potatoes.....	Cwt.	6.40	8.10	7.35	3.07	<u>2/</u> 3.15	3.12
Sweet Potatoes.	Cwt.	9.90	9.00	11.10	11.30	9.42	11.30
Apples, Com'l..	Lb.	.095	.130	.115	.126	.139	.137
Hay, All.....	Ton	-	-	-	49.50	46.40	47.30
Alfalfa Hay....	Ton	-	-	-	51.50	48.70	49.50
Other.....	Ton	-	-	-	45.20	41.00	42.60

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Dec. 15 1977	Nov. 15 1978	Dec. 15 1978	Dec. 15 1977	Nov. 15 1978	Dec. 15 1978
	<i>Per Ton - Dollars</i>					
Mixed Dairy Feed						
14% Protein.....	133.00	-	-	127.00	133.00	136.00
16% Protein.....	143.00	150.00	153.00	135.00	143.00	145.00
18% Protein.....	-	149.00	150.00	-	154.00	155.00
20% Protein.....	-	150.00	155.00	-	156.00	159.00
32% Protein.....	198.00	198.00	198.00	194.00	212.00	215.00
Poultry Feeds						
Chick Starter.....	170.00	187.00	188.00	166.00	178.00	180.00
Broiler Grower....	165.00	183.00	191.00	160.00	174.00	174.00
Laying Feed <u>1/</u> ....	146.00	160.00	160.00	145.00	154.00	156.00
Turkey Grower <u>1/</u> ...	188.00	199.00	191.00	177.00	185.00	185.00
	<i>Per 100 Lbs. - Dollars</i>					
Grain By-Products						
Bran.....	7.50	7.60	7.60	7.20	7.58	7.81
Middlings.....	7.10	7.40	7.20	7.08	7.55	7.79
Corn Meal.....	5.90	6.30	6.20	5.47	5.90	5.87
High Protein Feeds						
Cottonseed Meal 41%	12.50	12.50	12.50	10.40	11.40	11.60
Soybean Meal 44%...	11.50	12.50	12.50	11.30	12.30	12.40

1/ Complete ration feeds which are fed without further mixing or supplementations.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 29.4 million broiler-type chicks during November 1978, 3 percent more than November 1977. Egg-type chicks at 690 thousand is up 30 percent above November 1977.

For the Nation, the November hatch of broiler-type chicks at 308 million, was 9 percent more than November 1977. Egg-type chicks hatched during November 1978 totaled 35.5 million, 3 percent more than a year ago.

### CHICKS HATCHED -- NOVEMBER

STATE	BROILER-TYPE			EGG-TYPE		
	1977	1978	1978 As % Of 1977	1977	1978	1978 As % Of 1977
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	28,657	29,385	103	530	690	130
South Carolina	2,927	3,375	115	642	734	114
Georgia	40,674	45,409	112	2,778	3,110	112
Florida	7,659	7,282	95	2,823	2,493	88
Delaware	14,012	14,371	103	<u>1/</u>	<u>1/</u>	-
Maryland	17,291	18,607	108	<u>1/</u>	<u>1/</u>	-
Virginia	9,067	10,321	114	452	333	74
UNITED STATES	282,244	307,723	109	34,470	35,535	103

1/ Not published separately to avoid disclosing individual operations.

### TURKEY HATCH UP 39 PERCENT IN U. S.

The hatch of 8.35 million turkey poultts in the U. S. during November was 39 percent above a year ago. The hatch of heavy breeds was up 37 percent from November 1977 and light breed hatch was up 56 percent.

The 13.0 million turkey eggs in incubators on December 1, 1978 were up 22 percent from a year earlier. Eggs set for heavy breed turkeys were up 21 per-

cent from last year and light breeds were up 30 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 346 thousand, a decrease of 9 percent from November 1977. Testings for July through November were 1.57 million, an increase of 9 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS DECEMBER 1			POULTS HATCHED DURING NOVEMBER		
	1977	1978	1978 As % Of 1977	1977	1978	1978 As % Of 1977
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	119	136	114	72	79	110
East North Central	935	1,479	158	673	1,144	170
West North Central	3,432	3,485	102	1,811	1,900	105
South Atlantic	3,043	3,840	126	2,368	2,996	127
South Central	1,253	1,850	148	348	1,204	346
West	1,893	2,220	117	731	1,023	140
UNITED STATES	10,675	13,010	122	6,003	8,346	139

## NOVEMBER EGG PRODUCTION UP

Egg production on North Carolina farms during November was estimated at 281 million, an increase of 1 percent from November 1977. The number of hens and pullets of laying age on hand during

November was estimated at 14.5 million, 5 percent more than was estimated on hand the same time last year. The rate of lay per 100 layers on hand during November averaged 1,938 eggs.

## LAYERS AND EGG PRODUCTION -- NOVEMBER

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1977	1978	1977	1978	1977	1978
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	13,850	14,500	2,013	1,938	279	281
Virginia	3,891	3,949	1,917	1,941	75	77
South Carolina	5,575	5,653	2,025	2,091	113	118
Georgia	26,250	26,000	2,016	1,950	529	507
Florida	13,079	13,227	1,998	1,989	261	263
UNITED STATES	285,255	287,527	1,945	1,954	5,548	5,617

## FARMS -- NORTH CAROLINA

## DECEMBER PRICE INDEX UP FOR N. C.

The "All Farm Products" index of prices received by North Carolina farmers during December is 189 (1967=100), up 1 point from November and up 16 points from December 1977.

The December "All Crops" index at 197 was up 1 point from the previous month and 23 points above a year earlier. Grains were up 6 points from November 1978.

The "Livestock and Livestock Products" index was 2 points above November and the same as December 1977. Meat animals and dairy indexes were up 7 points and 1 point respectively from the previous month. The poultry index dropped 1 point below November 1978.

(See Price Index Table, Page 2.)

Year	Number Of Farms	Land In Farms	Average Size
	<i>Thousands</i>	<i>Thousand Acres</i>	<i>Acres</i>
	OLD DEFINITION 1/		
1975	121	13,400	111
1976	119	13,300	112
1977	117	13,200	113
1978	115	13,100	114
1979 2/			
	NEW DEFINITION 3/		
1975	105	12,500	119
1976	103	12,400	120
1977	101	12,400	123
1978	100	12,400	124
1979	99	12,400	125

1/ Places of 10 or more acres that had annual sales of agricultural products of \$50. or more and places of less than 10 acres that had annual sales of \$250 or more. 2/ Series discontinued. 3/ Places with annual sales of agricultural products of \$1,000 or more. Series initiated with 1975.



# NOVEMBER SLAUGHTER DOWN IN N.C. AND U.S.

Commercial slaughter of livestock in North Carolina during November totaled 53.7 million pounds live weight, down 6 percent from November a year earlier. The number of head slaughtered declined 1 percent to 192,400 head.

Cattle slaughter was down 28 percent to 12.8 million pounds live weight. Calf slaughter at 152,000 pounds live weight was down 40 percent. Hog kill at 40.8 million pounds live weight increased 4 percent above the previous year.

The average live weight per head for cattle slaughtered was 909 pounds, up 80 pounds from November a year earlier. The average live weight for calves

declined 4 pounds to 259 pounds. Hog average live weight at 229 pounds was 2 pounds more than a year earlier.

Commercial red meat production for North Carolina during November totaled 35.6 million pounds, 3 percent less than November 1977.

Commercial red meat production for the United States in November 1978 totaled 3.3 billion pounds, down 2 percent from November 1977. January-November red meat production at 35 billion pounds was 3 percent below last year...change by individual components: beef, down 4 percent; veal, down 23; pork, up 1; lamb and mutton, down 13 percent.

## LIVESTOCK SLAUGHTER <sup>1/</sup>

SPECIES	NOVEMBER				JANUARY THROUGH NOVEMBER			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1977	1978	1977	1978	1977	1978	1977	1978
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	21.4	14.1	17,741	12,825	180.2	141.1	156,000	126,400
Calves	1.0	.6	253	152	7.0	5.1	1,668	1,371
Sheep & Lambs	-	.1	-	4	.5	.8	51	72
Hogs	172.3	177.6	39,083	40,761	1725.1	1772.3	383,083	395,224
TOTAL	194.7	192.4	57,077	53,742	1912.8	1919.3	540,802	523,067
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.5	3.3	3,600	3,466	38.4	36.5	39,295	37,727
Calves	.5	.3	118	75	5.1	3.9	1,264	944
Sheep & Lambs	.5	.4	54	49	5.9	5.0	637	554
Hogs	7.2	7.0	1,744	1,741	70.8	70.9	16,770	16,957
TOTAL	11.7	11.0	5,516	5,331	120.1	116.3	57,966	56,182

<sup>1/</sup> Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter.

## HOGS AND PIGS -- DECEMBER 1, 1978 REPORT

ITEM	NORTH CAROLINA		UNITED STATES	
	1978	1978 As % Of 1977	1978	1978 As % Of 1977
	<i>Thous. Head</i>	<i>Percent</i>	<i>Thous. Head</i>	<i>Percent</i>
NUMBER ON FARMS DECEMBER 1:				
All hogs and pigs .....	2,350	102	59,860	106
Kept for breeding.....	364	107	9,558	111
Market.....	1,986	101	50,302	105
Market Hogs and Pigs By Weight Groups:				
Under 60 pounds.....	854	109	21,081	109
60-119 pounds.....	469	88	12,965	105
120-179 pounds.....	375	104	9,326	102
180 pounds and over....	288	103	6,930	99
SOWS FARROWING:				
December <u>L</u> / - February...	115	105	2,740	100
March-May.....	115	106	3,275	99
December <u>L</u> / - May.....	230	106	6,015	99
June-August.....	120	98	3,158	102
September-November.....	117	117	3,217	110
June-November.....	237	106	6,375	106
PIC CROP:				
December <u>L</u> / - February...	805	108	18,716	101
March-May.....	828	104	23,625	97
December <u>L</u> / - May.....	1,633	106	42,341	99
June-August.....	888	96	22,801	103
September-November.....	819	115	23,039	110
June-November.....	1,707	105	45,840	106
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
PIGS PER LITTER:				
December <u>L</u> / - February...	7.00	103	6.83	101
March-May.....	7.20	98	7.21	98
December <u>L</u> / - May.....	7.10	100	7.04	99
June-August.....	7.40	99	7.22	100
September-November.....	7.00	99	7.16	100
June-November.....	7.20	98	7.19	100

FARROWING INTENTIONS	NORTH CAROLINA		UNITED STATES	
	1979 Sows	1979 As % Of 1978	1979 Sows	1979 As % Of 1978
	<i>Thous. Head</i>	<i>Percent</i>	<i>Thous. Head</i>	<i>Percent</i>
December <u>L</u> / - February	125	109	-	-
March-May	130	113	-	-
December <u>L</u> / - May	255	111	6,903	115

L/ December preceding year.



## WHEAT ACREAGE UP FOR 1979

Winter wheat acreage seeded in North Carolina during the Fall of 1978 (for 1979 crop) is estimated at 235,000 acres. This is 7 percent more than the seeded acreage for 1978. Based on conditions around December 1, the crop should produce 6,110,000 bushels, 3 percent more than the 1978 crop.

U. S. growers seeded 51.5 million acres of winter wheat in the Fall of 1978, an increase of 8 percent over a year earlier. Production of the 1979 crop, based on December 1 conditions, is forecast at 1.44 billion bushels, 15 percent more than in 1978.

Paul E. Williams  
Agricultural Statistician

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Statistician In Charge

U.S. Department of Agriculture / N.C. Department of Agriculture

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# NORTH CAROLINA FARM REPORT



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Raleigh, N. C. 27611  
Phone (919) 755-4394

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## ANNUAL CROP SUMMARY

INCLUDING 1979 PLANTING INTENTIONS

### 1978 N. C. CROP HIGHLIGHTS

Flue-cured tobacco: Production at 827 million pounds up 15%.  
Burley tobacco: Production at 20.4 million pounds down 13%.  
Corn: Production at 121.6 million bushels up 37% from previous year's poor crop.  
Soybeans: Production a record high 37.2 million bushels up 28%.  
Peanuts: Production at 464.8 million pounds up 5%.  
Cotton: Production at 46 thousand bales (480-lbs. net) down 13%.  
Sweet potatoes: Production at 5.2 million cwt. up 16%.  
Irish potatoes: Production at 2.5 million cwt. down 10%.  
Sorghum grain: Production at 4.5 million bushels up 68%.

### 1978 U. S. CROP HIGHLIGHTS

Flue-cured tobacco: Production at 1,230 million pounds up 9%.  
Burley tobacco: Production at 617 million pounds virtually unchanged.  
Corn: Production a record high 7,082 million bushels up 10%.  
Soybeans: Production a record high at 1,843 million bushels up 5%.  
Peanuts: Production at 3,977 million pounds up 7%.  
Cotton: Production at 10.8 million bales down 25%.  
Sweet Potatoes: Production at 13.9 million cwt. up 12%.  
Irish Potatoes: Production at 360.5 million cwt. up 2%.  
Sorghum Grain: Production at 748.4 million bushels down 6%.

### 1978 WEATHER AND CROP ROUND UP

Last year, January weather was very cold with occasional rain, sleet and snow. Farm activities were hampered due to below normal temperatures and above average precipitation. Preparation of tobacco plant beds were slowed by adverse weather conditions. Routine task were also hindered. Adverse weather conditions continued throughout February causing small grains and pasture conditions to decline. More favorable weather by the end of February enabled Tar Heel farmers to prepare for spring plowing.

Fieldwork got underway later in March than usual. Rainfall during the first half of the month was above normal and temperatures a little below normal. Weather conditions improved during the second half to allow more active preparation of tobacco plant beds, topdressing small grains, and planting Irish potatoes.

Mild weather during early April was very suitable for fieldwork. Around mid-month, temperature readings began dipping below normal and April showers were heavy. By the end of the month, above normal rainfall had soaked the ground. Up to 14 inches of rain were reported in the mountains. Elsewhere, the storm dumped between 4 to 6 inches of precipitation. Flooding occurred in many areas. The cool and wet conditions extended into May and caused some delay in spring plantings and crop development.

Summer weather conditions were very favorable compared with drought conditions experienced the year before. Farmers made excellent progress spraying, cultivating crops and harvesting flue-cured tobacco. Widely scattered

(See Weather, Page 2)



## 1978 FLUE-CURED CROP LARGER

Flue-cured tobacco production in North Carolina during 1978 is estimated at nearly 827 million pounds. This is 15% above the previous year. Acreage harvested at 390,000 is up nearly 2% from 1977. Yields averaged 2,120 pounds per acre compared with 1,883 the previous year.

U. S. flue-cured production is placed at 1.23 billion pounds, up 9 percent from the 1977 production. The production increase can be attributed primarily to higher yields per acre. The 1978 crop was harvested from 589 thousand acres and yielded 2,088 pounds per acre. Output in 1977 was also harvested from 589 thousand acres with yields per acre averaging 1,917 pounds.

## BURLEY CROP SMALLER

Burley tobacco production in the State totaled 20.4 million pounds during 1978, down 13% from the previous year. Acreage harvested at 8,500 was down 11% from 1977. Yields averaged 2,400 pounds per acre, down 2% from the previous year.

U. S. burley production is estimated at 617 million pounds, virtually unchanged from that produced in 1977. Yield per acre is indicated at 2,366 pounds, up from the 2,298 pound average of a year earlier. Harvested acreage is estimated at 261 thousand acres, 3 percent less than the 269 thousand acres harvested in 1977.

## N. C. GRAIN SORGHUM UP SHARPLY

Total production of sorghum for grain in North Carolina is estimated at nearly 4.4 million bushels for 1978. This is up 68% from the previous year. harvested acreage at 86,000 is up 19% from 1977. Yields averaged 52 bushels per acre compared with 37 bushels the previous year.

The Nation's grain sorghum output totaled 748 million bushels in 1978, down 6 percent from a year earlier but 4 percent above 1976. Growers harvested 13.6 million acres for grain this year compared with 14.1 million acres in 1977. The average yield per acre for 1978 is 55.1 bushels, down from 56.3 bushels the previous year.

## RECORD U. S. CORN CROP

Production of corn in North Carolina during 1978 totaled 121.6 million bushels, up 37% from the previous year's drought reduced crop. The record high crop of 150.4 million bushels was produced in 1976. Acreage harvested during 1978 at 1,600,000 was down 8 percent from the previous year. Yields averaged 76 bushels per acre compared with 51 bushels in 1977.

Production of corn for grain in the U. S. is estimated at a record 7.08 billion bushels, 10 percent above the 1977 crop and 13 percent above 1976. This is the fourth consecutive year that a production record has been set. The record crop was the result of sharply increased yields which more than offset a reduction in harvested acres. The U. S. yield averaged a record 101.2 bushels per acre, up 10.5 bushels from the previous year and up 4.2 bushels from the previous record set in 1972.

Acres harvested for grain in 1978 are estimated at 70.0 million acres, 1 percent below the previous year and 2 percent below 1976.

## WEATHER *(Continued From Page 1)*

afternoon and evening thundershowers were a frequent occurrence during much of July and August. These showers were beneficial to crop development and maintained an adequate supply of soil moisture during the most hot and humid days of the summer.

Fall harvest weather was generally favorable. There was little rainfall reported during the month of September and soil moisture became very short. Dry weather conditions during September was ideal for harvest. Harvest of flue-cured tobacco was completed on schedule. October weather was generally dry across the State. Harvesting activities advanced more rapidly. Peanut digging advanced slightly ahead of normal. Cotton harvest was on schedule. Corn harvest ran ahead of normal.

Some much needed rainfall occurred in mid-November which aided germination of small grains. Soil moisture remained near adequate throughout December and farmers were able to continue their soybean harvest which was a little over two-thirds complete by the end of the year.



## RECORD N. C. SOYBEAN CROP

Soybean production in North Carolina during 1978 totaled a record high 37.2 million bushels, up 28% from the previous year. The previous record high production was 34.8 million bushels established in 1973. The 1978 production came from a record high harvested acreage of 1,550,000 acres, up 17% from 1977. Yields averaged 24 bushels per acre, up 2 bushels from the previous year.

The Nation's 1978 soybean crop is estimated at a record high 1.84 billion bushels, 5 percent more than the previous record of 1.76 billion bushels produced in 1977. A sharp increase in the acreage harvested more than offset a moderate decline in the average yield per acre, paving the way for the new record high production. The average yield of 29.2 bushels per acre ranks second only to the 30.6 bushel average attained in 1977.

## GRAPE PRODUCTION UP SHARPLY IN N. C.

Utilized grape production in North Carolina during 1978 totaled 5,900 tons or 59% above the 1977 tonnage. Of the 5,900 tons produced, 1,550 tons or 26% of the total production went to fresh market sales. The remaining 74% of the tonnage or 4,350 tons went to processing.

The Nation's 1978 grape crop totaled 4.43 million tons, of which 4.18 million tons were utilized. This was 3 percent less than last season's utilized tonnage, but 2 percent above the 1976 figure.

California's rain-damaged crop, at 3.63 million tons, was off 9 percent from last season and was 1 percent below the similarly damaged crop of 1976. Production of wine varieties totaled 1.70 million tons, up 9 percent from 1977, but output of table varieties, at 366 thousand tons, was off one-fourth from a year ago. Raisin varieties, hard hit by unseasonal rains, fell 19 percent to 1.57 million tons. As in 1976, rains caught raisins after they had been cut and laid before drying was complete. Despite reconditioning efforts, heavy losses were incurred.

## N. C. COTTON CROP SMALLER

Cotton production in North Carolina during 1978 totaled 46,000 bales (480-lbs. net) down 13% from the previous year. Harvested acreage is estimated at a record low 43,000 acres compared with 83,000 a year earlier. Yield per acre averaged a record high 513 pounds compared with the drought reduced yield of 305 pounds in 1977. The previous record high yield was 489 pounds established in 1976.

All cotton production in the U. S. is estimated at 10.8 million bales, 25 percent below the 1977 production, but 2 percent above 1976.

Growers harvested 12.4 million acres for the 1978 crop, 7 percent below 1977 but 13 percent above 1976. Average lint yield per harvested acre is estimated at 421 pounds compared with 520 for 1977 and 465 pounds for 1976.

## WHEAT PRODUCTION SMALLER

Wheat production in North Carolina during 1978 totaled 5.9 million bushels. This is down 1% from the previous year's production of 6.0 million bushels. The number of acres harvested totaled 180,000 in 1978 compared with 200,000 the previous year. Yield per acre was estimated at 33 bushels compared with 30 bushels in 1977.

U. S. production of 1.25 billion bushels of winter wheat in 1978 was 19 percent less than the 1977 crop of 1.54 billion bushels. Farmers harvested 38.9 million acres, 20 percent less than in 1977. Average yield of 32.1 bushels was a half bushel better than a year ago.

## N. C. PECAN PRODUCTION UP SHARPLY

Pecan production in North Carolina in 1978 totaled an estimated 3.0 million pounds, 50% above the 1977 output. Improved varieties accounted for 67% of the total, while the remainder were native and seedling varieties.

The U. S. pecan crop is estimated at 205 million pounds, 13 percent less than was harvested in 1977. Improved varieties at 142 million pounds accounted for 69 percent of production compared to 58 percent in 1977. The Native and seedling crop is placed at 63.2 million pounds, 36 percent less than the 1977 crop.



ANNUAL SUMMARY: ACREAGE, YIELD, PRODUCTION AND VALUE OF CROPS, 1977 REVISED, 1978 PRELIMINARY.  
NORTH CAROLINA AND UNITED STATES

CROPS	UNIT	ACRES HARVESTED			YIELD PER ACRE			PRODUCTION			SEASON'S AVERAGE PRICE $\frac{\text{¢}}{\text{lb}}$			VALUE OF PRODUCTION $\frac{\text{¢}}{\text{thousand dollars}}$		
		Thousand Acres			Units			Thousands			Dollars			Thousand Dollars		
		1977	1978		1977	1978		1977	1978		1977	1978		1977	1978	
FIELD CROPS																
Corn, for Grain.....	Bu.	1,740	1,600		51.0	76.0		88,740	121,600		2.01	2.35		178,367	285,760	
	Ton	150	130		10.0	13.5		1,500	1,755		-	-		-	-	
	for Forage $\frac{\text{¢}}{\text{lb}}$ .....	-	25	10		-	-		-	-		-	-		-	
Wheat, for Grain.....	Bu.	200	180		30.0	33.0		6,000	5,940		2.20	3.00		13,200	17,820	
Oats, for Grain.....	Bu.	75	95		42.0	55.0		3,150	5,225		1.39	1.20		4,379	6,270	
Barley, for Grain.....	Bu.	55	59		40.0	51.0		2,200	3,009		1.80	1.75		3,960	5,266	
Rye, for Grain.....	Bu.	21	20		19.0	23.0		399	460		2.25	3.00		898	1,380	
Sorghum, for Grain.....	Bu.	72	86		37.0	52.0		2,664	4,472		1.82	1.76		4,848	7,871	
for Silage $\frac{\text{¢}}{\text{lb}}$ .....	Ton	22	24		8.0	13.5		176	324		-	-		-	-	
for Forage.....	-	12	13		-	-		-	-		-	-		-	-	
Cotton, Lint $\frac{\text{¢}}{\text{lb}}$ .....	Lb.	83	43		305	513		53	46		.505	.660		12,847	14,573	
Cottonseed.....	Ton	-	-		-	-		19	16		65.00	115.00		1,235	1,840	
Tobacco: Type 11.....	Lb.	160.0	155.0		1,770	1,930		283,200	299,150		1.132	1.315		320,582	393,382	
Type 12.....	Lb.	177.0	186.0		1,955	2,250		346,035	418,500		1.183	1.340		409,359	560,790	
Type 13.....	Lb.	46.0	49.0		1,995	2,230		91,770	109,270		1.235	1.355		113,336	148,061	
All Flue-Cured.....	Lb.	383.0	390.0		1,883	2,120		721,005	826,920		1.170	1.333		843,277	1,102,233	
Type 31.....	Lb.	9.6	8.5		2,450	2,400		23,520	20,400		1.122	1.280		26,389	26,112	
Tobacco: All.....	Lb.	392.6	398.5		1,896	2,126		744,525	847,320		1.168	1.332		869,666	1,128,345	
Lespedeza, for Seed.....	Lb.	.6	1.8		130	175		78	315		.850	.750		66	236	
HAY CROPS																
Alfalfa.....	Ton	16	17		2.30	2.70		37	46		-	-		-	-	
All other.....	Ton	334	343		1.45	1.65		484	566		-	-		-	-	
Hay, All.....	Ton	350	360		1.49	1.70		521	612		73.00	64.00		38,033	39,168	
LEGUMES																
Soybeans, for Beans.....	Bu.	1,320	1,550		22.0	24.0		29,040	37,200		6.02	6.45		174,821	239,940	
Peanuts, for Nuts.....	Lb.	166	166		2,675	2,800		444,050	464,800		.206	.220		91,474	102,256	
FRUITS AND NUTS																
Apples, Commercial.....	Lb.	-	-		-	-		264,000	295,000		.0870	.1080		22,968	31,860	
Peaches.....	Lb.	-	-		-	-		35,000	45,000		.1240	.1600		4,340	7,200	
Grapes.....	Ton	-	-		-	-		3.70	5.90		320.00	300.00		1,184	1,770	
Blueberries.....	Flats	3.4	3.4		150	210		510	714		6.40	6.45		3,264	4,617	
Pecans, Improved.....	Lb.	-	-		-	-		1,100	2,000		.610	.740		671	1,480	
Seedlings.....	Lb.	-	-		-	-		900	1,000		.500	.630		450	630	
All.....	Lb.	-	-		-	-		2,000	3,000		.561	.703		1,121	2,110	
POTATOES																
Irish Potatoes: Spring.....	Cwt.	13.4	13.0		165	130		2,211	1,695		4.50	4.00		10,000	6,800	



Vegetables	Cwt.	300	340	40	35	12	210	12	217	22.80	260	274
Cabbage: Spring.....	Cwt.	2,200	1,900	110	110	242	242	209	3.89	10.20	4.920	5.469
Summer.....	Cwt.	2,600	2,900	185	185	481	481	537	4.29	7.94	2.064	2.132
Fall.....	Cwt.	2,200	1,700	110	130	242	242	221	6.10	4.18	1.476	924
All $\frac{1}{2}$ .....	Cwt.	7,000	6,500	138	149	965	965	967	4.64	7.57	4.481	7.322
Corn, Sweet.....	Cwt.	4,900	4,700	60	53	294	294	249	7.15	9.00	2.102	2,241
Cucumbers.....	Cwt.	6,800	8,500	63	49	430	430	414	7.83	13.01	3.368	5,388
Green Peppers.....	Cwt.	7,000	6,700	37	37	259	259	248	12.10	20.30	3.134	5,034
Strawberries.....	Cwt.	2,100	2,100	20	15	42	42	32	44.00	35.00	1.848	1,120
Tomatoes.....	Cwt.	2,000	2,000	140	135	280	280	270	17.00	14.60	4.760	3,942
Watermelons.....	Cwt.	7,000	7,400	55	57	385	385	422	3.34	3.17	1.286	1,338
Total Fresh Market $\frac{1}{2}$ .....	Cwt.	43,440	44,490	-	-	2,856	2,856	2,802	-	-	25,883	31,821
PROCESSING VEGETABLES $\frac{1}{2}$												
All Vegetables.....	Ton	29,560	31,150	-	-	75.30	75.30	81.40	-	-	9.931	10,311
Cucumbers.....	Ton	28,000	29,500	2.60	2.62	72.90	72.90	77.30	132.00	128.00	9.623	9,894
Snap Beans.....	Ton	1,400	1,500	1.32	1.33	1.85	1.85	2.00	154.00	143.00	285	286
Total All Crops $\frac{1}{2}$ .....	-	4,734	4,788	-	-	-	-	-	-	-	1,517.194	2,002,686

UNITED STATES												
Thousand Acres												
Corn, for Grain.....	Bu.	70,872	69,970	90.7	101.2	6,425.457	7,081,849	2.02	2.09	12,939,975	14,716,030	
All Wheat, for Grain.....	Bu.	66,461	56,839	30.6	31.6	2,036,318	1,798,712	2.33	2.94	4,742,686	5,294,145	
Oats, for Grain.....	Bu.	13,452	11,531	55.8	52.2	750,901	601,477	1.10	1.18	824,703	702,576	
Barley, for Grain.....	Bu.	9,564	9,233	43.9	48.4	420,159	447,008	1.78	1.89	744,900	840,197	
Rye, for Grain.....	Bu.	704	995	24.6	26.3	17,312	26,160	2.05	2.02	36,029	53,494	
Cotton, Lint $\frac{1}{2}$ .....	Lb.	13,275	12,367	520	421	14,389	10,841	.523	.605	3,614,938	3,148,151	
Cottonseed.....	Ton	-	-	-	-	5,521	4,189	70.30	115.00	388,035	432,377	
Hay, All.....	Ton	60,658	61,495	2.16	2.31	131,313	142,264	54.00	49.00	6,782,482	6,495,546	
Sorghum, for Grain.....	Bu.	14,092	13,581	56.3	55.1	792,983	748,410	1.82	1.99	1,433,991	1,478,925	
Lespedeza, for Seed.....	Lb.	52.3	45.4	205	208	10,732	9,456	.720	.823	7,624	7,779	
Soybeans, for Beans.....	Bu.	57,612	63,003	30.6	29.2	1,761,755	1,842,647	5.88	6.42	10,351,545	11,837,665	
Peanuts, for Nuts.....	Lb.	1,516	1,511	2,457	2,632	3,726,015	3,977,465	.210	.213	783,302	847,102	
Tobacco: Flue-Cured.....	Lb.	589.3	589.0	1,917	2,088	1,129,710	1,229,722	1.176	1.07	1,328,861	1,207,626	
Burley.....	Lb.	268.6	260.8	2,298	2,366	617,280	617,085	1.200	1.07	740,626	740,626	
All.....	Lb.	957.5	949.2	1,997	2,124	1,912,114	2,015,695	1.186	1.329	2,268,420	2,678,302	
Apples, Commercial.....	Lb.	-	-	-	-	6,649,000	7,533,000	.1050	.1080	699,642	814,613	
Peaches, Total.....	Lb.	-	-	-	-	2,852,200	2,561,000	.0990	.1210	281,740	309,418	
Grapes.....	Ton	-	-	-	-	4,296	4,180	194.00	239.00	834,794	998,207	
Pecans, All.....	Lb.	-	-	-	-	236,600	205,200	.577	.666	136,459	126,661	
Irish Potatoes, All.....	Cwt.	1358.7	1368.1	261	263	354,576	360,467	3.55	3.56	1,253,616	1,273,604	
Sweet Potatoes.....	Cwt.	112.4	119.4	110	116	12,395	13,862	10.50	10.10	129,592	140,710	
Fresh Market Vegetables $\frac{1}{2}$ .....	Cwt.	1,603	1,649	-	-	255,502	265,317	-	-	2,569,618	2,959,974	
Processing Vegetables $\frac{1}{2}$ .....	Ton	1,638	1,611	-	-	12,612	11,320	-	-	945,180	874,664	

$\frac{1}{2}$  Received by farmers.  $\frac{2}{2}$  Values are for the crop year and should not be confused with calendar year income.  $\frac{3}{2}$  Green-weight.  $\frac{4}{2}$  Includes corn hogged, grazed and that cut and fed without removing ears.  $\frac{5}{2}$  Production in 480-lb. net weight bales.  $\frac{6}{2}$  Includes small quantities for processing.  $\frac{7}{2}$  Acres, production and value of principal vegetables and melons for fresh market including strawberries.  $\frac{8}{2}$  Prices for processing vegetables are plant-door prices.  $\frac{9}{2}$  Acres in thousands and includes field crops, lespezeza seed and commercial vegetables for fresh market and processing. Value of production includes the same crops plus fruits and nuts.  $\frac{10}{2}$  Not available.



## COMMERCIAL VEGETABLES DOWN SLIGHTLY

Estimated North Carolina production of seven principal fresh market vegetables and watermelons during 1978 is 2% below 1977. The 1978 production estimate of 2,802,000 cwt. compares with 1977's output of 2,856,000 cwt. Total harvested area for these 1978 crops at 44,490 acres is 2% more than in 1977. Fresh market value of \$31.8 million is 23% above the 1977 value due to higher prices.

North Carolina's output of major vegetable crops contracted for processing is forecast at 81,400 tons, 8% above the 75,300 tons produced during 1977. The contracted area harvested in 1978 is estimated at 31,150 acres, which is 5% above 1977. The value of processing vegetables for the State is \$10.3 million compared with \$9.9 million in 1977.

## 1978 BARLEY CROP LARGER

North Carolina barley production for 1978 is estimated at 3.0 million bushels from 59,000 acres. This compares with the 1977 production of 2.2 million bushels from 55,000 acres. Yields averaged 51 bushels per acre up 11 bushels from the previous year.

The 1978 production of barley in the U. S. totaled 447 million bushels, 6 percent above 1977 and 20 percent above 1976. The increase in the 1978 crop was the result of record yields per acre offsetting fewer acres harvested for grain.

Acreage harvested for grain is estimated at 9.23 million acres, 3 percent below the 9.56 million acres harvested in 1977. Yields averaged a record 48.4 bushels, 4.5 bushels above 1977 and 2.6 bushels above the previous record high set in 1971.

## N. C. OATS PRODUCTION LARGER

Oats produced in North Carolina during 1978 totaled 5.2 million bushels. This is up 66% from the previous year's production of 3.2 million bushels. The number of acres harvested totaled 95,000 in 1978 compared with 75,000 the previous year. Yield per acre was estimated at 55 bushels compared with 42 bushels in 1977.

Oats production in the U. S. is estimated at 601 million bushels, 20

## N. C. PEACH PRODUCTION UP 29%

Total production of peaches in 1978 for the Tar Heel State is estimated at 45 million pounds. This is 29% higher than the 1977 crop and 80% above the freeze-reduced 1976 crop.

The Nation's 1978 peach crop totaled 2.70 billion pounds, of which 2.56 billion pounds was utilized. This was 10 percent below last season's utilization and 3 percent under the 1976 level. The California clingstone crop, at 1.11 billion pounds, was 20 percent below last year and 7 percent less than the 1976 crop.

Excluding California clingstones, the U. S. peach production, at 1.45 billion pounds, was only slightly below last season but slightly above the 1976 output utilized. South Carolina produced the largest crop in nearly a decade and Georgia rebounded from last year's small crop. New Jersey production fell 36 percent short of last year and Pennsylvania declined 11 percent.

## PEANUT CROP LARGER

Peanut production in North Carolina for 1978 was estimated at 464.8 million pounds. This is up 5% from the previous year. Yield per acre averaged 2,800 pounds in 1978, up 5% from 1977 and close to the record high yield of 2,810 in 1973. Harvested acreage at 166,000 was unchanged from the previous year.

Peanut production in the U. S. is estimated at 3.98 billion pounds net weight, 7 percent above the previous year's crop. Harvested acreage totaled 1.51 million acres. The record yield of 2,632 pounds per acre is 175 pounds more than a year earlier and 67 pounds above the previous record yield in 1975.

percent less than the 1977 crop, but 10 percent above the 1976 crop. The smaller 1978 production was the result of fewer acres being harvested and lower yields. Acres abandoned and used for purposes other than grain accounted for 29.6 percent of the planted acres compared with 24.1 percent for the 1977 crop. Yield per harvested acre averaged 52.2 bushels compared with 55.8 bushels a year earlier.



## N. C. LEADING PRODUCER OF YAMS

North Carolina continued in 1978 as the leading producer of sweet potatoes in the United States. Harvested acreage for 1978 at 37,000 was up 12% from the prior year. Yield per acre increased 5 cwt. from the 1977 season to 140 cwt. Total production was 5,180,000 cwt. for 1978, which was 16% higher than the 1977 output.

U. S. production of sweet potatoes in 1978 totaled 13.9 million cwt., 12 percent above the 12.4 million cwt. produced during 1977. The 1978 crop was harvested from 119 thousand acres, 6 percent more than 1977. Yields during 1978 averaged 116 cwt. per acre, 6 cwt. above 1977 and 2 cwt. per acre more than in 1976.

Production increased from 1977 by 9 percent in Louisiana and by 16 percent in North Carolina. In Texas, production decreased by 29 percent because of both a lower acreage and lower yield.

## FEWER N. C. IRISH POTATOES

Irish potato production in North Carolina totaled 2.5 million cwt., 10% below the 1977 output. Acreage for harvest declined 400 acres from 1977 to 17,000 acres. Yield per acre at 144 was 12 cwt. below the average yield in 1977. The spring potato crop which accounted for 77% of the total harvested acreage, had an average yield of 150 cwt., down 15 cwt. from last year. The summer crop consisting of 4,000 harvested acres, had an average yield of 125 cwt., unchanged from the previous season.

Total U. S. production from the 1978 potato crop amounted to a record 360 million cwt., 2 percent greater than the previous year's crop of 355 million cwt. and 1 percent above the previous record crop of 1976. Harvested acreage totaled 1.37 million acres compared with 1.36 million acres harvested during 1977. The average yield was 263 cwt. per acre compared with 261 cwt. in 1977 and 260 cwt. per acre in 1976.

## LARGER APPLE CROP

The apple crop in North Carolina totaled 295 million pounds in 1978 compared with 270 million pounds the previous year. Freeze damage during 1977 was reported in isolated areas while conditions were more favorable during 1978.

Red Delicious continued as the leading variety in North Carolina accounting for 143 million pounds or about 48% of the total production. Golden Delicious, the next largest producing variety, produced 63 million pounds or 21% of the total. Rome Beauty followed Golden Delicious with 60 million pounds and Stayman accounted for 19 million pounds. These 4 varieties combined produced over 96% of the States' apple poundage.

The 1978 U. S. commercial apple production totaled a record 7.55 billion pounds, of which 7.53 billion pounds were utilized. This was 13 percent above last season's utilized output, 16 percent higher than the 1976 figure, and 6 percent over the previous record set in 1975. In the East, 3.07 billion pounds were utilized, 14 percent above a year ago, while the Central States' output soared 26 percent to 1.27 billion pounds. The crop in the West, at 3.20 billion pounds utilized, was up 8 percent from a year earlier. In Washington, the Nation's leading producer, the 2.30 billion pounds crop was 10 percent above last season and only slightly below the record 1976 crop.

Rhode Island Greenings made the largest percentage gain from 1977 with a 35 percent increase and York Imperials were close behind with 33 percent more output than in 1977. Other varieties showing sizable gains were: Rome Beauty, up 19 percent; Delicious, 17 percent; Winesap, 12 percent; and Stayman up 10 percent. Only Gravenstein and Northern Spy registered declines, each 6 percent below year-earlier totals.

Red Delicious, long the Nation's leading variety, accounted for 36 percent of the total apple crop. Other leading varieties as a percent of total were: Golden Delicious, 17 percent; McIntosh, 10 percent; Rome Beauty, 7 percent; and Jonathan and York Imperial, both 5 percent of the total output.



## 1979 PROSPECTIVE PLANTINGS

CROPS	NORTH CAROLINA		UNITED STATES <u>1/</u>	
	1979 Intentions <u>2/</u>	1979 As % Of 1978	1979 Intentions <u>2/</u>	1979 As % Of 1978
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
Corn.....	1,830	104	79,218	101
Oats <u>3/</u> .....	180	97	15,592	96
Barley <u>3/</u> ....	75	107	8,815	92
Sorghum, All.	115	92	15,243	94
Soybeans.....	1,680	104	65,408	104
Cotton.....	75	167	13,896	106
Wheat <u>3/</u> .....	235	107	51,472	108
Rye <u>3/</u> .....	145	107	3,077	103

1/ Data represent 34 States which accounted for 98% of the 1978 planted acreage.

2/ As of January 1, 1979. 3/ Includes acreage planted in preceding fall.

Julius M. Peele  
Agricultural Statistician

Dan C. Tucker  
Statistician In Charge

U.S. Department of Agriculture / N.C. Department of Agriculture

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## JANUARY PRICE INDEX UP FOR N. C.

The "All Farm Products" index of prices received by North Carolina farmers during January is 198 (1967=100), up 10 points from December and up 17 points from January 1978.

The January "All Crops" index at 206 was up 11 points from the previous month and 25 points above a year earlier. Grains were up 9 points from December 1978.

The "Livestock and Livestock Products" index was 9 points above December and 3 points above January 1978. Meat animals and dairy indexes were up 12 points and 1 point respectively from the previous month. The poultry index was up 10 points above December 1978.

(See Price Index Table, Page 2.)

## STOCKS OF GRAIN UP IN N. C.

Grain stocks in North Carolina in all storage positions on January 1, 1979 were up 33 percent from a year earlier. Increases were shown for all grains. Corn stocks in all positions totaled 67 million bushels, up 30 percent from a year earlier. Wheat stocks in all positions at 3.1 million bushels were up 16 percent from a year earlier. Oats stocks in all positions at 2.9 million bushels were up 159 percent. Sorghum grain was up 70 percent. Barley stocks were up 107 percent. Soybean stocks in all positions at 27.4 million bushels were up 32 percent from a year earlier.

(See Stocks of Grain, Page 5.)

## N. C. CATTLE NUMBERS DROP

All cattle and calves on North Carolina farms on January 1, 1979 are estimated at 1,080,000 head, a decrease of 2 percent from the first of last year, according to a survey completed recently by the North Carolina Crop and Livestock Reporting Service. The number of beef cows that have calved totaled 402,000 and declined 3 percent, while milk cows that have calved dropped 2 percent to 143,000 head. All cows and heifers that have calved totaled 545,000 head, 3 percent below January 1, 1978. The calf crop during 1978 is set at 491,000 compared with 500,000 calves born during 1977.

All cattle and calves in the United States on January 1, 1979 totaled 111.0 million head, down 5 percent from a year earlier and 10 percent below January 1, 1977. This is the fourth consecutive year of herd reduction in the current cattle cycle.

All cows and heifers that have calved at 47.8 million head are down 4 percent from January 1, 1978. The number on July 1, 1978 was 48.5 million, down 7 percent from July 1, 1977.

Beef cows at 37.0 million are down 5 percent from January 1, 1978 and 11 percent below January 1, 1977. Milk cows at 10.9 million are down 1 and 2 percent from January 1, 1978 and 1977, respectively. The 1978 calf crop is estimated at 43.8 million, down 5 percent from 1977.

(See Table on Page 4.)



## PRICES RECEIVED INDEX UP 10 POINTS PRICES PAID INDEX UP 7 POINTS

The January Index of Prices Received by Farmers increased 10 points (5 percent) to 232 percent of its January-December 1967 average. Contributing most to the increase since December were higher prices for cattle, lettuce, hogs, broilers and soybeans. Lower prices for cotton, eggs and oranges were partially offsetting. The index was 46 points (25 percent) above a year ago.

The Index of Prices Paid by Farm-

ers for Commodities and Services, Interest, Taxes, and Farm Wage Rates for January 15 was 233, up 7 points (3 percent) from mid-December. Higher prices for feeder livestock and family living items plus the annual updating of the indexes for interest, taxes, and farm services and cash rent accounted for most of the index rise. The January index was 24 points (11 percent) above a year earlier.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Jan. 15 1976	Jan. 15 1977	Jan. 15 1978	Dec. 15 1978	Jan. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products...	171	3/ 176	3/ 181	3/ 188	198
All Crops.....	3/ 161	174	181	3/ 195	206
Tobacco.....	152	164	178	191	203
Cotton.....	221	-	-	-	-
Oil Bearing.....	171	3/ 223	200	3/ 217	225
Grains.....	189	3/ 185	3/ 170	3/ 170	179
Commercial Vegetables.....	180	159	195	226	227
Fruits.....	3/ 171	198	171	239	262
Livestock and Livestock Products.....	3/ 189	178	3/ 181	175	184
Meat Animals.....	210	174	200	257	269
Poultry.....	184	182	172	129	139
Dairy.....	3/ 172	170	3/ 176	3/ 189	190
<b>UNITED STATES</b>					
Prices Received, All Farm Products....	186	3/ 183	3/ 186	3/ 222	232
Prices Paid, Commodities & Services 1/	3/ 193	3/ 198	3/ 209	226	233
Parity Ratio 2/.....	3/ 96	92	89	98	100

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### HIGHER CROP AND LIVESTOCK PRICES

The average prices received for crops by North Carolina farmers at local markets about mid-January were higher compared to a month earlier. Corn was up 12 cents per bushel and soybeans were up 28 cents per bushel above the mid-December price.

Prices received for livestock in December were also higher with hogs at \$51.20 per hundredweight, \$1.50 more than mid-December. Beef cattle, at

\$51.00 per hundredweight, was \$4.00 higher than a month earlier.

Feed prices paid by North Carolina farmers during January were mixed. (See Table, Page 3.) Mixed dairy feeds were generally up from December. Turkey grower feed prices were up from a month earlier but other poultry feeds showed decreases from December 1978. High-protein feed prices showed a slight increase in cottonseed meal with soybean meal remaining unchanged.



## COMMODITY PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Jan. 15 1978	Dec. 15 1978	Jan. 15 1979*	Jan. 15 1978	Dec. 15 1978	Jan. 15 1979*
		Dollars					
Tobacco.....	Lb.	1.168	1.275	1.225	1.213	1.294	1.258
Corn.....	Bu.	2.33	2/ 2.36	2.48	2.00	2/ 2.09	2.10
Wheat.....	Bu.	-	-	-	2.53	2/ 3.01	3.02
Oats.....	Bu.	1.67	2/ 1.11	1.18	1.18	2/ 1.20	1.23
Barley.....	Bu.	-	-	-	1.90	2/ 1.89	1.83
Sorghum Grains..	Cwt.	-	-	-	3.15	2/ 3.63	3.53
Soybeans.....	Bu.	5.75	2/ 6.41	6.69	5.75	2/ 6.49	6.68
Peanuts.....	Lb.	.207	.213	.220	.215	.211	.203
Cotton.....	Lb.	-	-	-	.480	.581	.569
Cottonseed.....	Ton	-	-	-	66.00	120.00	121.00
Wool.....	Lb.	-	-	-	.729	.768	.777
Hogs.....	Cwt.	42.90	49.70	51.20	43.90	48.00	50.60
Beef Cattle.....	Cwt.	29.30	47.00	51.00	37.20	54.10	59.80
Veal Calves.....	Cwt.	39.60	68.70	73.20	40.80	71.90	78.10
Milk Cows.....	Hd.	340.00	440.00	450.00	528.00	733.00	787.00
Com'l. Broilers..	Lb.	.220	.240	.265	.228	.249	.270
Turkeys.....	Lb.	.380	.450	.450	.380	.496	.472
Eggs 1/.....	Doz.	.620	.697	.695	.494	.616	.605
Milk, Whlse.....	Cwt.	11.30	2/ 12.10	12.20	10.20	11.80	11.80
Potatoes.....	Cwt.	-	7.35	7.20	3.24	3.12	3.13
Sweet Potatoes..	Cwt.	10.20	11.10	11.60	12.00	11.60	12.00
Apples, Com'l...	Lb.	.093	.115	.139	.126	.137	.136
Hay, All.....	Ton	-	-	-	50.50	47.30	48.90
Alfalfa Hay.....	Ton	-	-	-	52.60	49.50	51.20
Other.....	Ton	-	-	-	46.40	42.60	44.30

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Jan. 15 1978	Dec. 15 1978	Jan. 15 1979	Jan. 15 1978	Dec. 15 1978	Jan. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed						
14% Protein.....	-	-	-	125.00	136.00	137.00
16% Protein.....	142.00	153.00	152.00	136.00	145.00	147.00
18% Protein.....	145.00	150.00	154.00	147.00	155.00	158.00
20% Protein.....	149.00	155.00	161.00	150.00	159.00	161.00
32% Protein.....	200.00	198.00	205.00	197.00	215.00	216.00
Poultry Feeds						
Chick Starter.....	171.00	188.00	186.00	169.00	180.00	180.00
Broiler Grower.....	168.00	191.00	190.00	162.00	174.00	175.00
Laying Feed <u>1</u> /.....	151.00	160.00	159.00	147.00	156.00	157.00
Turkey Grower <u>1</u> /...	188.00	191.00	197.00	177.00	185.00	189.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.60	7.60	7.70	7.33	7.81	8.02
Middlings.....	7.20	7.20	7.30	7.31	7.79	7.95
Corn Meal.....	5.80	6.20	6.40	5.51	5.87	5.97
High Protein Feeds						
Cottonseed Meal 41%	12.50	12.50	13.00	10.40	11.60	11.70
Soybean Meal 44%...	12.00	12.50	12.50	11.30	12.40	12.50

1/ Complete ration feeds which are fed without further mixing or supplementations.



## CATTLE

CLASS	N. C.		1979 As % Of 1978	U. S.		1979 As % Of 1978
	1978	1979		1978	1979	
	Thousand Head					
All Cattle and Calves	1,100	1,080	98	116,375	110,864	95
Beef Cows that have Calved	415	402	97	38,809	36,989	95
Milk Cows that have Calved	146	143	98	10,939	10,853	99
Heifers 500 lbs. and over:						
Beef Cow Replacement	83	90	108	5,845	5,519	94
Milk Cow Replacement	38	38	100	3,896	3,936	101
Other	36	33	92	7,970	7,431	93
Steers 500 lbs. and over	63	65	103	16,779	16,321	97
Bulls 500 lbs. and over	34	33	97	2,544	2,401	94
Steers, Heifers, and Bulls Under 500 lbs.	285	276	97	29,595	27,413	93

## N. C. BROILER-TYPE HATCH INCREASES

Commercial hatcheries in North Carolina produced 31.7 million broiler-type chicks during December 1978, a 2 percent increase from December a year earlier. Egg-type chick hatch, at 1.1 million increased 56 percent over 1977.

For the nation, the December 1978 hatch of broiler-type chicks at 331 million was 8 percent more than in De-

cember 1977. The 285 million eggs in incubators on January 1, 1979 were 11 percent more than a year earlier. Egg-type chicks hatched during December 1978 totaled 34.6 million, up 7 percent from a year ago. Eggs in incubators on January 1, 1979 were 10 percent above a year ago.

## TURKEY INTENTIONS UP 17 PERCENT IN N. C.

Turkey growers in North Carolina intend to produce 22.1 million turkeys during 1979, 17 percent above the 18.9 million raised in 1978. North Carolina ranks second in production intentions and the number of turkeys raised during 1978.

Turkey growers in 20 major States intend to raise 150 million turkeys in

1979 compared with 135 million in 1978. If intentions are realized, there will be an increase of 11 percent from 1978 for heavy breeds and 19 percent in light breeds.

On December 1, 1978 there were 495,000 turkey breeder hens on North Carolina farms. This is 18 percent more than a year earlier.

## ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS JANUARY 1			POULTS HATCHED DURING DECEMBER		
	1978	1979	1979 As % Of 1978	1977	1978	1978 As % Of 1977
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	104	120	115	88	96	109
East North Central	1,516	1,693	112	789	1,168	148
West North Central	4,009	5,097	127	2,749	2,768	101
South Atlantic	3,750	4,798	128	2,425	3,131	129
South Central	1,905	2,523	132	1,004	1,364	136
West	3,611	3,393	94	1,417	1,758	124
UNITED STATES	14,895	17,624	118	8,472	10,285	121



## STOCKS OF GRAIN *(Cont'd. from Page 1)*

January 1, 1979 soybean stocks in the U. S. at 37.5 million metric tons were up 4 percent from a year ago and at a record high level. Stocks of the four feed grains totaled a record 190 million metric tons, 11 percent more than on January 1, 1978. Wheat stocks at 44.4 million metric tons were down

18 percent from a year earlier. Oat stocks were down slightly. Corn in all storage positions on January 1, 1979 totaled a record high 6.2 billion bushels, up 13 percent from a year earlier. All wheat stored totaled 1.6 billion bushels, 18 percent less than last year's 2.0 billion bushels.

## DECEMBER SLAUGHTER DOWN IN N. C. AND U. S.

Commercial slaughter of livestock in North Carolina during December totaled 45.3 million pounds live weight, down 8 percent from December a year earlier. The number of head slaughtered declined 1 percent to 170,000 head.

Cattle slaughter was down 43 percent to 8.6 million pounds live weight. Calf slaughter at 119,000 pounds live weight decreased 22 percent from the previous year. Hog kill at 36.6 million pounds live weight increased 8 percent above December 1977.

The average live weight per head for cattle slaughtered was 903 pounds,

up 39 pounds from December a year earlier. The average live weight for calves, increased 75 pounds above last year. Hog average live weight at 228 pounds was 7 pounds more than a year earlier.

Commercial red meat production for the United States in December 1978 totaled 3.1 billion pounds, down 5 percent from December 1977. Red meat production for January-December period was 38.1 billion pounds, 3 percent below last year. The change by individual components was: beef, down 4 percent; veal, down 24; pork, up 1; lamb and mutton, down 12 percent.

## NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER 1/

SPECIES	DECEMBER				JANUARY THROUGH DECEMBER			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1977	1978	1977	1978	1977	1978	1977	1978
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	17.5	9.6	15,084	8,634	197.6	150.6	171,084	135,034
Calves	.6	.4	152	119	7.7	5.5	1,820	1,490
Sheep & Lambs								
Hogs	154.0	160.0	33,989	36,553	1879.1	1932.3	417,073	431,778
TOTAL	172.1	170.0	49,225	45,306	2085.0	2089.2	590,032	568,376
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.5	3.0	3,554	3,243	41.9	39.5	42,849	40,970
Calves	.4	.3	107	69	5.5	4.2	1,371	1,012
Sheep & Lambs	.5	.4	50	47	6.4	5.4	686	601
Hogs	6.5	6.4	1,560	1,589	77.3	77.3	18,330	18,546
TOTAL	10.9	10.1	5,271	4,948	131.1	126.4	63,236	61,129

*1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter.*



## CHICKS HATCHED -- DECEMBER

STATE	Broiler-Type		1978 As % Of 1977	Egg-Type		1978 As % Of 1977
	1977	1978		1977	1978	
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	31,225	31,749	102	675	1,050	156
South Carolina	3,152	3,370	107	651	664	102
Georgia	45,515	49,039	108	1,737	3,661	211
Florida	8,041	8,283	103	2,464	2,160	88
Delaware	15,282	15,446	101	//	//	-
Maryland	18,121	20,019	110	//	//	-
Virginia	9,589	10,668	111	440	294	67
UNITED STATES	306,274	330,936	108	32,476	34,593	107

// Not published separately to avoid disclosing individual operations.

## STATE'S HONEY PRODUCTION UP

Apiaries in North Carolina produced an estimated 6.1 million pounds of honey in 1978, an increase of 19 percent from 1977. In mid-December, producers reported 1978 production from 190,000 colonies. The average yield per colony was 32 pounds, up 7 pounds from 1977.

North Carolina honey producers received an average price of 89.9 cents per pound for honey sold, giving a value of \$5.5 million for the 1978 crop.

There were 1,034,000 pounds of honey stocks on hand as of December 15 com-

pared with 974,000 pounds carried over a year earlier.

Beeswax production in 1978 was 122,000 pounds. Producers received an average of \$1.53 per pound for beeswax with total production valued at \$187,000.

Honey production in the United States during 1978 totaled 230 million pounds, an increase of 29 percent from the 1977 crop. The number of colonies decreased 6 percent to 4.1 million. Yield per colony was 56.4 pounds.

## STOCKS OF GRAINS -- JANUARY 1

CROP	ON-FARM TOTAL		OFF-FARM TOTAL //		TOTAL ALL POSITIONS	
	1978	1979	1978	1979	1978	1979
	<i>Thousand Bushels</i>					
<u>NORTH CAROLINA</u>						
Corn for grain	31,059	44,992	20,332	22,037	51,391	67,029
Wheat	720	891	1,934	2,189	2,654	3,080
Oats	756	1,620	358	1,268	1,114	2,888
Sorghum Grain	1,332	2,147	329	672	1,661	2,819
Rye	72	46	*	*	*	*
Barley	594	1,143	131	358	725	1,501
Soybeans	10,745	12,648	9,995	14,761	20,740	27,409
<u>UNITED STATES</u>						
Corn for grain	3,824,347	4,517,453	1,678,678	1,679,757	5,503,025	6,197,210
Wheat	831,294	815,447	1,162,459	815,283	1,993,753	1,630,730
Oats	482,291	483,167	82,707	79,726	564,998	562,893
Sorghum grain	220,851	239,644	398,245	401,347	619,096	640,991
Rye	6,382	11,049	2,910	5,104	9,292	16,153
Barley	218,947	272,124	110,266	114,448	329,213	386,572
Soybeans	672,861	689,856	652,400	687,408	1,325,261	1,377,268

// Includes stocks at mills, elevators, warehouses, terminals and processors.

\* Unpublished to avoid disclosing individual operations.



## DECEMBER EGG PRODUCTION UP

Egg production in North Carolina during December was estimated at 270 million, a 3 percent increase over December 1977. The average number of

layers on hand during the month was estimated at 13.4 million. The rate of lay per 100 layers declined 3 percent from the previous year.

## LAYERS AND EGG PRODUCTION -- DECEMBER

STATE	Layers On Hand		Eggs Per 100 Layers		Total Eggs Produced	
	1977	1978	1977	1978	1977	1978
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	12,700	13,400	2,074	2,015	263	270
Virginia	3,869	4,044	2,000	1,996	77	81
South Carolina	5,600	5,902	2,040	2,120	114	125
Georgia	24,800	25,300	2,058	2,083	510	527
Florida	12,931	12,667	2,089	2,074	270	263
UNITED STATES	287,043	291,291	2,021	2,033	5,801	5,922

## TURKEY HATCH UP 21 PERCENT

The hatch of 10.3 million turkey poults during December 1978 was 21 percent above a year ago. The hatch of heavy breeds was up 20 percent from December 1977 and the light breed hatch was up 39 percent.

The 17.6 million turkey eggs in incubators on January 1, 1979 were up 18 percent from a year earlier. Eggs set for heavy breed turkeys were up 15 per-

cent from last year and light breeds were nearly double.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 378 thousand, a decrease of 9 percent from December 1977. Testings for July through December were 1.94 million, an increase of 5 percent from the same period a year ago.

## TURKEYS RAISED

STATE	1978	1979 <i>//</i>	1979 As % Of 1978
	<i>Thousand Head</i>		<i>Percent</i>
North Carolina	18,854	22,114	117
Arkansas	12,500	13,750	110
California	16,780	19,300	115
Minnesota	22,238	23,831	107
Missouri	10,500	10,671	102
Virginia	8,546	10,255	120
20 STATE TOTAL	134,628	150,000	111

*// Intended.*



# BEES AND HONEY

STATE	Colonies Of Bees		Yield Per Colony		Honey Production		Average Price Per Pound		Value Of Production	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	<i>Thousands</i>		<i>Pounds</i>		<i>Thousand Pounds</i>		<i>Cents</i>		<i>Thousand Dollars</i>	
N. C.	205	190	25	32	5,125	6,080	.793	.899	4,064	5,466
Calif.	525	504	26	62	13,650	31,248	.425	.448	5,801	13,999
Fla.	360	356	40	67	14,400	23,852	.442	.494	6,365	11,783
Minn.	150	145	80	96	12,000	13,920	.470	.495	5,640	6,890
N. Dak.	136	160	88	128	11,968	20,480	.490	.471	5,864	9,646
S. Dak.	165	171	58	120	9,570	20,520	.450	.458	4,307	9,398
U. S.	4,346	4,084	41.1	56.4	178,499	230,309	.530	.545	94,559	125,599

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## LIVESTOCK AND POULTRY VALUE UP SHARPLY IN 1978

The total value of the recent inventory of all cattle, hogs, sheep, chickens and turkey breeder hens on North Carolina farms amounted to \$550 million, an increase of 47% from last year. The value of cattle and calves on January 1, 1979 at \$329 million was 61% higher than a year earlier. The value of hogs and pigs as of December 1 was \$174 million or 32% above the previous year. As of December 1, chickens (excluding commercial broilers) were valued 25% above the previous year and turkey breeder hens 3% above a year earlier. The January 1 value of sheep and lambs was down 4% from the January, 1978 value.

The value of cattle and calves in the United States on January 1 was \$45 billion, up 67% from a year earlier. Hogs and pigs as of December 1 were valued at \$5.0 billion, up 39% from a year earlier. Chickens (excluding commercial broilers) and turkey breeder hens were valued 6% and 23% higher, respectively, than December 1, 1977. The January 1 value of sheep and lambs was 38% above a year earlier.

## MILK PRODUCTION DOWN IN 1978 FOR N. C. AND U. S.

Milk production in North Carolina during 1978 totaled 1.57 billion pounds, down nearly 2% from 1977. Milk cows on farms during 1978 averaged 143,000 head down 1% from the previous year average. Milk production per cow in 1978 was 10,958 pounds down 21,000 pounds from 1977.

Milk production during 1978 in the U. S. totaled 121.9 billion pounds, 1% below the 1977 estimate of 122.7 billion pounds. Output per cow in 1978 was 11,240 pounds, up 59 pounds from 1977. The annual average number of cows at 10,848,000 was 1% below 1977.

## PRODUCER OWNED GRAIN STOCKS UP

A special survey was made of the quantity of grain that had been moved off the farm and was still producer owned as of January 1, 1979. The survey was conducted in conjunction with the usual January 1, 1979 grain stocks survey of off-farm storages. Producer owned grain stored in commercial off-farm storage facilities was defined as grain for which the producer had some marketing control.

North Carolina producers retained ownership or some degree of pricing control on about 31% of the corn, soybeans and wheat stored in off-farm facilities on January 1, 1979. This compares with 25% a year earlier. Corn producers controlled 9.3 million bushels or 42% of the total stored in off-farm positions, compared with 6.3 million bushels or 31 percent of the off-farm stocks a year ago. Soybean producers controlled 18% of off-farm stocks com-

*(See Stocks, Page 3)*

## N. C. MILK PRODUCTION UP DURING JANUARY

Milk production in North Carolina totaled 136 million pounds during January 1979, up 1% from the same month a year earlier. Milk cows on Tar Heel farms dropped 1% to 144,000 head. The average milk production per cow at 945 pounds was up 2% or 15,000 pounds from January 1978.

January 1979 milk production in the U. S. was 10.0 billion pounds, up slightly from the 9.99 billion pounds produced in January 1978. Average production per cow at 925 pounds was 10 pounds more than a year earlier. The number of milk cows totaled 10,848,000 head during January down 1% from January 1978.



## LIVESTOCK AND POULTRY

DATE AND SPECIE	NUMBER ON FARMS			TOTAL VALUE		
	1977	1978	1979	1977	1978	1979
	<i>Thousand Head</i>			<i>Thousand Dollars</i>		
	NORTH CAROLINA					
JANUARY 1, 1979:						
Cattle and Calves.....	1,080	1,100	1,080	189,000	203,500	329,400
Sheep and Lambs.....	9	9	7	306	324	312
DECEMBER 1, 1978:						
Hogs and Pigs.....	1,940	2,300	2,350	92,150	132,250	173,900
Chickens <u>1</u> /.....	18,800	19,400	20,700	29,140	32,010	40,365
Turkey Breeder Hens....	365	420	495	3,869	5,712	5,891
	UNITED STATES					
JANUARY 1, 1979:						
Cattle and Calves.....	122,810	116,375	110,864	25,251,635	27,055,060	44,661,338
Sheep and Lambs.....	12,766	12,348	12,224	541,458	636,088	876,240
DECEMBER 1, 1978:						
Hogs and Pigs.....	54,934	56,539	59,860	2,582,568	3,575,279	4,986,498
Chickens <u>1</u> /.....	378,238	386,429	394,505	643,511	652,308	691,327
Turkey Breeder Hens <u>2</u> /.	3,061	3,038	3,383	34,119	34,390	42,403

1/ Does not include commercial broilers.

2/ U. S. totals are for 27 major states only.

## FARM POPULATION TRENDS IN U. S.

While total farm population is declining, the number of people living on the farms which produce the bulk of the Nation's food and fiber is increasing. The 1970-75 total farm population decline was 13 percent. But, the number of people living on farms with annual sales greater than \$40,000 increased 76 percent. Such farms account for about 80 percent of total U. S. farm receipts, but only 24 percent of the U. S. farm population. Some of the indicated increase in population on large farms is unquestionably due to general price inflation and its effect on dollar value of farm product sales, but at least part of the change reflects real increase.

The number of people living on farms with under \$2,500 in annual sales dropped from 3.6 million in 1970 to 2.8 million in 1975. Farms of this sales size contain one-third of the U. S. farm population, and residents earn most of their money income from off-farm sources.

The total 1970-75 farm population decline occurred among farm residents without regard to race, operator status, or region of residence. Losses were

heavier in the nonoperator population than the operator population, the population of Blacks declined faster than Whites, and the population living on southern farms dropped at a greater rate than the number of farm people in the northern and western States.

In 1975, about 60 percent of the total farm population resided on farms operated by a full owner, about 30 percent were on part owner operated farms, and the remaining 10 percent were on tenant or managed farms. In the 5-year study period, all three tenure groups lost population.

In 1975, two thirds of the total U. S. farm population lived on livestock and cash-grain farms. Livestock farms, with 39 percent of all farm people, had the largest share although their proportion declined from 43 percent in 1973 as a result of population loss. The number of persons residing on cash-grain farms rose by a third between 1973 and 1975, increasing their share of the total farm population to 27 percent from 20 percent in 1973.



# STOCKS (Cont'd. From Page 1)

pared with 16% a year earlier and wheat producers controlled 13%.

U. S. producers retained ownership or some degree of pricing control on more than 60 percent of the corn, wheat, and sorghum stored in off-farm facilities on January 1, 1979.

Corn producers retained some control over 1.10 billion bushels held in off-farm facilities or 66 percent of all off-farm stored corn. A year ago growers controlled 1.04 billion bushels in off-farm facilities or 62 percent of the total.

Wheat producers retained pricing

control on 508 million bushels stored off-farm or 62 percent of the total. This was below a year ago when producers controlled 640 million bushels or 55 percent of the off-farm stocks.

Soybean producers control 397 million bushels or 58 percent of the total stored in off-farm position, compared with 386 million bushels or 59 percent of the off-farm stocks a year earlier.

Producer control of off-farm stored sorghum grain amounted to 257 million bushels or 64 percent of all off-farm stored sorghum. On January 1, 1978 producers controlled 270 million bushels or 68 percent of the total.

## ANNUAL MILK COWS AND MILK PRODUCTION

STATE	MILK COWS ON FARMS <i>L/</i>		MILK PER COW		MILK PRODUCTION		
	1977	1978	1977	1978	1977	1978	1978 As Percent Of 1977
	<i>Thousands</i>		<i>Pounds</i>		<i>Million Pounds</i>		<i>Percent</i>
N. C.	145	143	10,979	10,958	1,592	1,567	98
Md.	138	134	11,413	11,493	1,575	1,540	98
Va.	173	172	11,012	11,058	1,905	1,902	100
W. Va.	38	37	8,763	9,297	333	344	103
S. C.	55	54	9,509	9,444	523	510	98
Ga.	129	129	9,985	10,000	1,288	1,290	100
Fla.	198	193	10,066	10,093	1,993	1,948	98
U. S.	10,974	10,848	11,181	11,240	122,698	121,928	99

*L/* Average number on farms during year, excluding heifers not yet fresh.

## MILK COWS AND MILK PRODUCTION--JANUARY

STATE	MILK COWS ON FARMS <i>L/</i>		MILK PER COW		MILK PRODUCTION		
	1978	1979	1978	1979	Pounds		1979 As Percent Of 1978
					1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
N. C.	145	144	930	945	135	136	101
Md.	136	133	955	955	130	127	98
Va.	171	172	935	940	160	162	101
Ga.	129	129	890	905	115	117	102
Fla.	197	189	895	915	176	173	98
U. S.	10,923	10,848	915	925	9,994	10,035	100

*L/* Includes dry cows. Excludes heifers not yet fresh.



# N. C. ANNUAL EGG PRODUCTION UP

Egg production in North Carolina from December 1, 1977 to November 30, 1978 totaled 3,081 million eggs, up 8% from the same period a year earlier. The average number of layers last year was 12,738,000, up 7% from the previous year. The 1978 average production per layer was 242 eggs, an increase of 1%

over a year earlier.

U. S. egg production in the year ending November 30, 1978 is estimated at 67.0 billion eggs. This is 4% above the previous year. The average number of layers during 1978 was 281 million and the average annual production per layer was 238 eggs.

## AVERAGE NUMBER LAYERS ON FARMS, EGGS PER 100 LAYERS AND EGGS PRODUCED, BY MONTHS, 1977 and 1978, NORTH CAROLINA

MONTH	NUMBER LAYERS		EGGS PER 100 LAYERS		EGGS PRODUCED	
	1977	1978	1977	1978	1977	1978
	<i>1,000 Head</i>		<i>Number</i>		<i>Million Eggs</i>	
December <u>1/</u>	12,262	12,700	2,018	2,074	247	263
January	12,225	12,600	1,956	2,021	239	255
February	11,950	12,250	1,775	1,795	212	220
March	11,750	12,400	2,046	2,034	240	252
April	11,500	12,550	2,028	2,025	233	254
May	11,450	12,450	2,086	2,108	239	262
June	11,600	12,375	1,977	2,046	229	253
July	11,550	12,425	1,984	2,093	229	260
August	11,575	12,750	1,990	2,062	230	263
September	11,975	13,300	2,013	1,983	241	264
October	12,250	13,550	2,096	2,018	257	273
November	12,400	13,500	2,013	1,938	250	262
TOTAL	<u>2/</u> 11,874	<u>2/</u> 12,738	<u>3/</u> 240	<u>3/</u> 242	2,846	3,081

1/ December preceding year. 2/ Monthly average. 3/ Eggs produced during year divided by average number layers during year.

Julius M. Peele  
Agricultural Statistician

Dan C. Tucker  
Statistician In Charge

U.S. Department of Agriculture / N.C. Department of Agriculture

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# NORTH CAROLINA FARM REPORT



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## NORTH CAROLINA FARM

### LABOR FORCE INCREASED

The number of workers on farms in North Carolina during the week of January 7-13, 1979 is estimated at 84,000 workers. This is up 22% from the same quarter last year. The number of farm operators and unpaid family members working on farms increased proportionately from 53,000 to 64,000 and the number of all hired workers increased 25% to 20,000.

The total labor force on farms across the Nation during the survey week is estimated at 2.98 million workers, down just 1% from the same quarter of 1978. The number of farm operators and unpaid family members working 15 or more hours during the week is down about 2% from last year to 2.2 million. The number of all hired workers increased slightly from 764 thousand to 785 thousand.

Farm wage rates for all methods of pay converted to an hourly rate averaged \$3.37 during the week of January 7-13, 1979. This compares with \$3.18 during the week of October 8-14, 1978. The average last year was also \$3.18. Wage rates increased for all types of workers except Packinghouse workers, who averaged \$3.15 compared to \$3.23 in October 1978.

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(See Page 6)

## PRICES RECEIVED INDEX UP

The "All Farm Products" index of prices received by North Carolina farmers at local markets during February was 201, an increase of 2 points from January and 17 points from February 1978.

The "All Crop" index was up 1 point from last month to 207. Oil bearing crops were up 7 points to 233. Grains were up 1 point.

The "Livestock and Livestock Products" index was up 6 points from last month to 191. Meat animals were up 13 points, poultry 10 points and dairy 3 points. (See Table on Page 2.)

## WORLD AGRICULTURE AND TRADE

U. S. agricultural exports are projected to reach \$29 billion in fiscal 1979 (October 1978-September 1979), surpassing the record \$27.3 billion last year. Higher prices will support the growth; export volume will likely remain near last year's record 122 million tons.

While \$29 billion is the most likely export estimate for fiscal 1979 there are factors which could result in a variation of as much as \$3 billion above or below this figure.

For example, should the Southern Hemisphere have bumper crops, world demand for U. S. products could slacken somewhat. On the other hand, unexpected crop shortages next year will affect im-

(See World Agriculture, Page 5)



# PRICES RECEIVED INDEX UP 8 POINTS

## PRICES PAID INDEX UP 4 POINTS

The February Index of Prices Received by Farmers increased 8 points (3 percent) to 240 percent of its January-December 1967 average. Contributing most to the increase since January were higher prices for cattle, soybeans, hogs, calves, oranges and broilers. Lower prices for cotton, potatoes, turkeys and barley were partially offsetting. The index was 47 points (24 percent) above

a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates for February 15 was 238, up 4 points (2 percent) from mid-January. Higher prices for feeder livestock, feed, building and fencing materials, fuels and energy, and family living items accounted for most of the increase.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Feb. 15 1976	Feb. 15 1977	Feb. 15 1978	Jan. 15 1979	Feb. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	173	<u>3/</u> 182	184	<u>3/</u> 199	201
All Crops.....	<u>3/</u> 162	<u>3/</u> 180	181	206	207
Tobacco.....	152	169	178	203	203
Cotton.....	225	-	-	-	-
Oil Bearing.....	173	<u>3/</u> 233	<u>3/</u> 199	<u>3/</u> 226	233
Grains.....	193	<u>3/</u> 186	<u>3/</u> 171	<u>3/</u> 180	181
Commercial Vegetables.....	181	<u>3/</u> 168	196	227	214
Fruits.....	<u>3/</u> 174	210	178	<u>3/</u> 258	248
Livestock and Livestock Products.....	<u>3/</u> 192	<u>3/</u> 185	<u>3/</u> 189	<u>3/</u> 185	191
Meat Animals.....	<u>3/</u> 214	<u>3/</u> 177	218	269	282
Poultry.....	187	<u>3/</u> 194	177	139	149
Dairy.....	<u>3/</u> 175	<u>3/</u> 170	<u>3/</u> 178	<u>3/</u> 195	198
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	187	187	<u>3/</u> 193	232	240
Prices Paid, Commodities & Services <u>1/</u> .....	<u>3/</u> 190	200	211	<u>3/</u> 234	238
Parity Ratio <u>2/</u> .....	<u>3/</u> 98	<u>3/</u> 94	91	<u>3/</u> 99	101

1/ Including interest, taxes and farm wage rates. 2/ Ratio of index of prices received by farmers to index of prices paid. 3/ Revised.

### CROP AND LIVESTOCK PRICES UP, FEED PRICES MIXED

The average prices North Carolina farmers received for crops at local markets about mid February were higher than the previous month. Corn increased 1 cent per bushel to \$2.50. Oats increased 8 cents to \$1.36 per bushel while soybeans increased 36 cents per bushel to \$7.06.

Prices received for livestock were also higher. Hogs increased \$1.30 per hundredweight to \$52.50. Beef cattle were up \$4.30 to \$55.30 per hundredweight. Veal calves jumped \$8.80 per hundredweight to \$82.00.

Feed prices paid by North Carolina farmers during February were mixed. (See Table, Page 3.) The 16 and 18 percent protein dairy feeds were down, while the higher protein dairy feed (20 and 32 percent) showed slight increases. Chick starter remained unchanged from the previous month, while broiler grower declined \$10.00 per ton. Laying feed and turkey grower increased \$2.00 and \$1.00 per ton respectively. In the high protein feeds category, cottonseed meal (41% protein) and soybean meal (44% protein) remained the same as last month.



## COMMODITY PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Feb. 15 1978	Jan. 15 1979	Feb. 15 1979*	Feb. 15 1978	Jan. 15 1979	Feb. 15 1979*
		Dollars					
Tobacco.....	Lb.	-	-	-	1.230	1.258	1.123
Corn.....	Bu.	<u>2/</u> 2.34	<u>2/</u> 2.49	2.50	2.03 <u>2/</u>	2.11	2.13
Wheat.....	Bu.	-	-	-	2.59 <u>2/</u>	2.99	3.02
Oats.....	Bu.	1.66	<u>2/</u> 1.28	1.36	1.22 <u>2/</u>	1.22	1.26
Barley.....	Bu.	-	-	-	1.98 <u>2/</u>	1.95	1.84
Sorghum Grains..	Cwt.	-	-	-	3.20 <u>2/</u>	3.54	3.46
Soybeans.....	Bu.	<u>2/</u> 5.70	<u>2/</u> 6.70	7.06	5.53 <u>2/</u>	6.58	7.00
Peanuts.....	Lb.	-	.220	-	-	.203	-
Cotton.....	Lb.	-	-	-	.513 <u>2/</u>	.560	.537
Cottonseed.....	Ton	-	-	-	66.00	121.00	120.00
Wool.....	Lb.	-	-	-	.727	.777	.770
Hogs.....	Cwt.	<u>2/</u> 46.60	51.20	52.50	47.90	50.60	52.80
Beef Cattle.....	Cwt.	<u>2/</u> 33.00	51.00	55.30	39.90	59.80	64.10
Veal Calves.....	Cwt.	42.40	73.20	82.00	44.50	78.10	85.50
Milk Cows.....	Hd.	<u>2/</u> 375.00	<u>2/</u> 730.00	790.00	538.00	<u>2/</u> 865.00	907.00
Com'l. Broilers.	Lb.	.235	.265	.275	.243	.270	.289
Turkeys.....	Lb.	.360	.450	.450	.371	.472	.451
Eggs <u>1/</u> .....	Doz.	.617	.695	.696	.551	.603	.601
Milk, Whlse.....	Cwt.	11.40	<u>2/</u> 12.50	12.70	10.20 <u>2/</u>	11.90	11.90
Potatoes.....	Cwt.	-	7.20	-	3.20	3.13	2.78
Sweet Potatoes..	Cwt.	10.40	11.60	10.00	13.10	12.00	11.50
Apples, Com'l... Hay, All..... Alfalfa Hay.... Other.....	Lb. Ton Ton Ton	<u>2/</u> .092 - - -	.137 - - -	.127 <u>2/</u> - - -	.132 51.80 53.70 48.00	.136 48.90 51.20 44.30	.140 50.70 53.60 44.60

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Feb. 15 1978	Jan. 15 1979	Feb. 15 1979	Feb. 15 1978	Jan. 15 1979	Feb. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	125.00	137.00	140.00
14% Protein.....	140.00	152.00	150.00	134.00	147.00	150.00
16% Protein.....	138.00	154.00	153.00	146.00	158.00	161.00
18% Protein.....	144.00	161.00	162.00	147.00	161.00	165.00
20% Protein.....	194.00	205.00	210.00	192.00	216.00	219.00
32% Protein.....	-	-	-	-	-	-
Poultry Feeds	-	-	-	-	-	-
Chick Starter.....	174.00	186.00	186.00	166.00	180.00	183.00
Broiler Grower.....	167.00	190.00	180.00	164.00	175.00	179.00
Laying Feed <u>1/</u> .....	153.00	159.00	161.00	146.00	157.00	159.00
Turkey Grower <u>1/</u> ...	191.00	197.00	198.00	177.00	189.00	194.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products	-	-	-	-	-	-
Bran.....	7.60	7.70	7.80	7.39	8.02	8.15
Middlings.....	7.10	7.30	7.50	7.31	7.95	8.00
Corn Meal.....	6.00	6.40	6.40	5.59	5.97	6.00
High Protein Feeds	-	-	-	-	-	-
Cottonseed Meal 41%	11.50	13.00	13.00	10.50	11.70	11.80
Soybean Meal 44%...	11.50	12.50	12.50	10.90	12.50	12.60

1/ Complete ration feeds which are fed without further mixing or supplementations.



## CHICK HATCH INCREASES

Commercial hatcheries in North Carolina produced 33.7 million broiler-type chicks during January 1979. This is 5 percent greater than January a year earlier. Egg-type hatch at 1.7 million increased 87 percent from a year earlier.

For the Nation, the January hatch of broiler-type chicks at 340.7 million

was 9 percent more than January 1979. Egg-type chicks hatched totaled 39.9 million, up 8 percent from a year ago. The number of eggs in incubators on February 1, 1979 for the South Atlantic States increased 9 percent for broiler-type and 5 percent for egg-type.

### CHICKS HATCHED -- JANUARY

STATE	Broiler-Type			Egg-Type		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	32,165	33,715	105	900	1,680	187
South Carolina	3,082	3,662	119	665	652	98
Georgia	46,026	49,238	107	3,765	4,336	115
Florida	8,295	8,522	103	3,000	3,093	103
Delaware	14,705	16,367	111	//	//	
Maryland	18,229	21,307	117	//	//	
Virginia	9,336	10,573	113	382	535	140
UNITED STATES	312,965	340,674	109	36,751	39,858	108

// Not published separately to avoid disclosing individual operations.

### TURKEY HATCH UP 17 PERCENT

The hatch of 13.8 million turkey poults during January 1979 was 17 percent above a year ago. The hatch of heavy breeds was up 13 percent from January 1978 and light breed hatch was up 91 percent.

The 21.3 million turkey eggs in incubators on February 1, 1979 were 10 percent above a year earlier. Eggs set

for heavy breed turkeys were up 7 percent from last year and light breeds were up 59 percent. Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 251 thousand, an increase of 46 percent from January 1978. Testing for July through January totaled 2.19 million, an increase of 9 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	Eggs In Incubators February 1			Poults Hatched During January		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	190	86	45	83	101	122
East North Central	2,011	2,519	125	1,353	1,418	105
West North Central	6,411	7,207	112	3,202	4,033	126
South Atlantic	4,095	4,852	118	3,063	3,805	124
South Central	2,678	2,576	96	1,524	1,837	121
West	4,072	4,108	101	2,581	2,574	100
UNITED STATES	19,457	21,348	110	11,806	13,768	117



## JANUARY EGG PRODUCTION RISES

The laying flocks in the Tarheel State produced 263 million eggs during January, which is 3 percent more than January 1978. The average number of layers on hand during the month was

13.2 million, 4 percent more than the previous year. The rate of lay per 100 layers declined 1 percent from January last year to 2,000 eggs.

### LAYERS AND EGG PRODUCTION -- JANUARY

STATE	Layers on Hand		Eggs Per 100 Layers		Total Eggs Produced	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	12,600	13,150	2,021	2,000	255	263
Virginia	3,795	4,013	2,027	1,965	77	79
South Carolina	5,660	5,935	1,969	2,086	111	124
Georgia	24,300	25,050	2,018	2,099	490	526
Florida	12,667	12,929	2,062	2,049	261	265
UNITED STATES	285,676	290,846	2,009	2,019	5,738	5,871

## WORLD AGRICULTURE

(Cont'd. From Page 1)

port levels in the latter part of the year. Also, economic developments here and abroad will influence the strength of world demand and the value of the dollar. Agricultural, food, and trade policy changes could also alter the forecast.

The U. S. agricultural trade surplus in fiscal 1979 is projected at \$15 billion, up from last year's \$13.4 billion. The increase is attributable entirely to larger exports as imports are expected to increase slightly. Fiscal 1979 will be the sixth straight year with an agricultural surplus in excess of \$10 billion.

U. S. exports continue strong, despite larger world crops of grains and oilseeds. Global demand for foods, and other raw materials is increasing as a result of economic expansion, population growth, and efforts to upgrade diets. In addition, the expansion of hog and poultry production in many areas requires larger supplies of feedstuffs.

The value of our farm sales to the developing countries is expected to ex-

pand more than a tenth, with the largest increases to East and Southeast Asia and the Middle East.

Economic growth in the EC and Japan is expected to exceed the 2 percent forecast for the United States in 1979. This should boost U. S. exports, including agricultural products. For the EC as a whole, economic growth is projected at almost 3.5 percent, up from 2.6 percent estimated for 1978. Japan's growth rate is projected at 4.75 percent.

Because of the size of the OPEC oil price rise (5 percent on January 1 and a cumulative 14.5 percent increase by October 1), growth rates will be slightly lower than December expectations. Inflation rates in the developed countries will probably continue at roughly present levels.

The OPEC countries' capacity to import will increase as a result of the oil price rise, but the higher oil prices will hurt nonmember countries, particularly in the developing world.





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## Coming up on the NEWSLINE...

March 12	- Milk Production	April 5	- Agricultural Outlook
March 13	- Cattle on Feed	April 6, 7, 8	- Vegetables
March 14	- Potato Stocks	April 9	- Agricultural Outlook
March 15	- Cattle on Feed Analysis	April 10	- Crop Prospects
March 16, 17, 18	- Retail Meat Prices	April 11	- Crop Prospects Analysis
March 19	- Tobacco Situation	April 12	- 1978 Crop Summary
March 20	- Rice Situation	April 13, 14, 15	- Milk Production
March 21	- Hogs and Pigs	April 16	- 1979 Prospective Plantings
March 22	- Hogs & Pigs Analysis	April 17	- Planting Analysis
March 23, 24, 25	- Livestock Slaughter	April 18	- Weather and Crops
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March 27	- Weather and Crops	April 20, 21, 22	- Cattle on Feed Analysis
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March 30, 31,	-	April 25	- Retail Food Prices
April 1	- Farmers' Prices	April 26	- Soybean Situation
April 2	- 1978 Livestock Summary	April 27, 28, 29	- Agricultural Outlook
April 3	- Livestock Prices	April 30	- Farmers' Prices
April 4	- Retail Meat Prices		

*Features are subject to change*

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## JANUARY SLAUGHTER RISES

Commercial slaughter of livestock in North Carolina during January totaled 53.4 million pounds live weight, up 18 percent from a year earlier. The number of head slaughtered also increased 18 percent to 201,000 head.

Cattle slaughter at 9.7 million pounds live weight increased 12 percent. Calf slaughter declined 19 percent to 96,000 pounds live weight. Hog kill at 43.6 million pounds live weight rose 19 percent above the previous year.

The average live weight per head for cattle slaughtered was 930 pounds, up 27 pounds from a year earlier. The average live weight per head for calves dropped 16 pounds to 297. Hog average weight at 229 pounds was up only 1 pound from a year earlier.

Commercial red meat production for the United States in January 1979 totaled 3.28 billion pounds, up 2 percent from January 1978.

Comparing January 1979 with January 1978: Beef production at 2.07 billion pounds was down slightly. Head kill at 3.30 million was down 5 percent, while average live weight increased 29 pounds to 1,062.

Veal production at 41 million pounds decreased 34 percent from a year ago. Calf slaughter of 296 thousand head was down 30 percent and average live weight declined 13 pounds to 235.

Pork production totaled 1.15 billion pounds, up 9 percent from a year ago. The 6.70 million head killed was up 7 percent and average live weight increased 5 pounds to 241. Preliminary lard production was 83 million pounds, up 2 percent.

Lamb and mutton production declined 8 percent to 23 million pounds. Head kill at weight 402 thousand was down 8 percent, while average live weight increased 3 pounds to 114.

### LIVESTOCK SLAUGHTER -- JANUARY

SPECIES	NORTH CAROLINA				UNITED STATES			
	Number Slaughtered <i>1/</i>		Total Live Weight		Number Slaughtered <i>1/</i>		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	9.6	10.4	8,634	9,710	3.5	3.3	3,584	3,511
Calves	.4	.3	119	96	.4	.3	105	70
Sheep & Lambs	-	-	-	-	.4	.4	49	46
Hogs	160.0	190.4	36,553	43,598	6.2	6.7	1,472	1,611
<b>TOTAL</b>	<b>170.0</b>	<b>201.1</b>	<b>45,306</b>	<b>53,404</b>	<b>10.5</b>	<b>10.7</b>	<b>5,210</b>	<b>5,238</b>

*1/ Excludes slaughter on farms.*





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# U.S. Department of Agriculture / N.C. Department of Agriculture

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# NORTH CAROLINA FARM REPORT



NORTH CAROLINA  
Crop & Livestock  
Reporting Service

MAR 26 1979

P.O. Box 27767

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Raleigh, N. C. 27611

Phone (919) 755-4394

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## FEBRUARY SNOWFALL NEAR RECORD

Snow, rain and record low temperatures dominated the weather scene during February in North Carolina. A major snow fall on February 18 left the state digging out from one of the worst snow storms since February 1948. The storm dumped from 7 to 17 inches of the white stuff across the State. The Mountain Region received the heaviest amount. Rainfall and snow melting caused some light flooding in low areas a few days after the storm. Temperatures during the month set new record lows of zero to 15 degrees on February 11.

At times the extreme weather conditions hindered North Carolina farm operators from accomplishing normal winter chores. Preparing tobacco plant beds when possible, tending livestock, repair work and moving snow were the primary activities.

The condition of small grains and pastures declined during the month and the crops are now rated fair. Conditions in the Mountain Region are poor to fair. Hay and roughage supplies are mostly adequate to somewhat surplus for the State. However, some shortages are noted in the Coastal Plains Region.

## PEANUT STOCKS UP 4 PERCENT

Peanut stocks in commercial storage totaled 2.48 billion pounds of equivalent farmers' stock on January 31, 1979, up 4 percent from a year earlier. Included in the total were 1.77 billion pounds of actual farmers' stock, 6 percent above the 1.66 billion pounds a year ago. Shelled peanuts on hand at month's end totaled 653 million pounds of equivalent farmers' stock, 6 percent less than a year ago. Roasting stock totaled 62.2 million pounds, more than double the 30.7 million pounds on hand a year ago. There were 273 million pounds

of Commodity Credit Corporation uncommitted stock on hand as of January 31, 1979.

Shelled peanut stocks on January 31 totaled 491 million pounds of which about 474 million were edible grades and 16.5 million pounds were oil stocks. Edible grade stocks by type were Virginias, 125 million pounds; Runners, 284 million pounds; and Spanish, 65.5 million pounds.

January millings totaled a little more than 362 million pounds, down 5 percent from January a year ago. Millings by type were almost 90.4 million pounds of Virginias, 243 million pounds of Runners, and 28.8 million pounds of Spanish.

Commercial processors utilized 109 million pounds of shelled edible grade peanuts during January in manufacturing primary products, 10 percent more than during January 1978. Utilization for peanut butter was up 4 percent, utilization for salted peanuts was up 32 percent, and utilization for peanut candy was up 3 percent from last year.

Crushings for oil, cake, and meal totaled 29.2 million pounds during January 1979, up 20 percent from the 24.3 million pounds crushed a year ago.

January deliveries under the Government's Domestic Feeding and Child Nutrition Programs totaled 3,940,225 pounds of peanut butter, 818,391 pounds of peanut granules and 2,391,192 pounds of roasted peanuts.

## SPRING POTATO ACREAGE UP

North Carolina farmers intend to harvest 13,700 acres of spring potatoes in 1979. This acreage is up 5% or 700 acres more than the 13,000 acres harvested in 1978.

Acreage for harvest in the United states is estimated at 92,400 acres for 1979. This is 2% above the 90,900 acres harvested in 1978 and 1% more than the harvested acreage in 1977.



## FLORICULTURE SALES VALUED AT \$14 MILLION

The 1978 wholesale value of floriculture sales by North Carolina growers was \$14.4 million. This was 20 percent above the value estimated for 1977. Commercial growers of 12 floriculture crops are surveyed annually.

A drop in cut flower production from 1977 caused a 30 percent decline

in value to an estimated level of \$2.8 million. The 1978 value of flowering potted plants totaled \$8.0 million, a 36 percent increase from 1977. The value of sales for bedding plants in 1978 was \$3.6 million, up 71 percent from a year earlier.

### FLORICULTURE CROPS: Quantity Sold, Price Per Unit and Wholesale Value, North Carolina, 1977-78

CROP	UNIT	Number Sold		Wholesale Price		Wholesale Value ₪	
		1977	1978	1977	1978	1977	1978
		<i>Thousands</i>		<i>Cents</i>		<i>1,000 Dollars</i>	
CUT FLOWERS							
Carnations, Standard....	Blooms	4,964	2,369	13.1	12.8	650	303
Chrysanthemums, Standard.	Blooms	6,774	5,082	31.0	35.1	2,100	1,784
Chrysanthemums, Pompon...	Bunches	463	263	155.0	138.0	718	363
Gladioli.....	Spikes	2,615	1,351	9.1	9.7	238	131
Snapdragons.....	Stems	1,113	798	23.7	24.1	264	192
POTTED PLANTS				<i>Dollars</i>			
Chrysanthemums.....	Pots	1,086	1,181	2.34	2.76	2,541	3,260
Geraniums.....	Pots	912	740	1.00	1.16	912	858
Poinsettias.....	Pots	705	1,052	2.31	2.66	1,629	2,798
Lilies.....	Pots	169	234	2.62	2.70	443	632
Hydrangeas.....	Pots	134	124	3.00	3.96	402	491
BEDDING PLANTS							
Flowering and Foliar....	Flats	350	633	3.95	4.12	1,383	2,608
Vegetables.....	Flats	182	274	4.17	3.68	759	1,008

$\angle$  Equivalent wholesale value of all sales.

The U. S. 1978 equivalent wholesale value of all sales for the 17 crops surveyed climbed to \$831 million. This is \$71.1 million, or 9 percent, higher than the \$760 million value of sales a year earlier. While the output for many crops declined from 1977, increased average wholesale prices pushed the crop values higher or resulted in only slight reductions. The value of poinsettias was up 16 percent and bedding plants, potted hydrangeas, miniature carnations and standard chrysanthemums registered 12 percent increases in value. Foliage plants made the largest dollar gain, up \$23.7 million, or 9 percent, from the 1977 level.

Foliage plants and bedding plants together account for 52 percent of the total value surveyed, up from the 45 percent share in 1977.

The 1978 value of cut flower sales, at \$231 million, was 8 percent higher than the \$213 million a year earlier. Declines in the value of gladioli and snapdragons were more than offset by increases in all other cut flower crop values. The 1978 value of flowering pot plants rose 10 percent to \$172 million from the 1977 level of \$156 million. The value of lilies, the only potted crop to show a decline, was off 1 percent from 1977, while all others registered 8-16 percent gains.



# FLORICULTURE CROPS: Intentions For 1979

CROP	Production Area			Production Area		
	1978	Intended 1979	1979/1978	1978	Intended 1979	1979/1978
	<i>1,000 Sq. Ft.</i>		<i>Percent</i>	<i>1,000 Sq. Ft.</i>		<i>Percent</i>
<b>CUT FLOWERS</b>	<b>NORTH CAROLINA</b>			<b>MAJOR STATES <i>//</i></b>		
Carnations, Standard.....	220	218	99	25,276	24,793	98
Chrysanthemum, Standard..	766	781	102	23,442	22,578	96
Chrysanthemum, Pompon....	174	144	83	39,966	38,666	97
Gladioli.....	83	75	90	7,371	7,004	95
Snapdragons.....	106	87	82	2,074	2,081	100
<b>POTTED PLANTS</b>						
Chrysanthemum.....	809	804	99	17,780	17,676	99
Geraniums.....	363	384	106	17,121	17,422	102
Poinsettias.....	1,569	1,663	106	29,552	30,412	103
Lilies.....	140	138	99	7,080	7,108	100
Hydrangeas.....	256	253	99	3,243	3,322	102
<b>BEDDING PLANTS</b>						
Flowering and Foliar.....	1,053	1,092	104	41,324	42,586	103
Vegetables.....	423	435	103	14,211	14,766	104

*// Coverage for each crop includes only major producing States.*

## FEBRUARY MILK PRODUCTION UP

Milk production in North Carolina during February 1979 totaled an estimated 127 million pounds, up 2 percent from the same month a year earlier. Milk cows on Tar Heel farms was estimated at 144,000 down 1,000 from the previous year. The average milk production per cow at 880 pounds was up 20 pounds from February 1978.

February 1979 milk production in the United States totaled 9,379 million pounds, up 1 percent from the 9,287 million pounds produced in February 1978. The number of milk cows totaled 10.8 million head during February down 1 percent from February 1978. Average production per cow at 867 pounds was 15 pounds above a year earlier.

## MILK COWS AND MILK PRODUCTION--FEBRUARY

STATE	MILK COWS ON FARMS <i>//</i>		MILK PER COW		MILK PRODUCTION		
					Pounds		1979 As Percent Of 1978
	1978	1979	1978	1979	1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
N. C.	145	144	860	880	125	127	102
Md.	136	133	870	875	118	116	98
Va.	172	172	825	830	142	143	101
Ga.	129	129	790	825	102	106	104
Fla.	196	189	845	880	166	166	100
U. S.	10,903	10,819	852	867	9,287	9,379	101

*// Includes dry cows. Excludes heifers not yet fresh.*



# FARMERS' NEWSLINE

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Coming up on the NEWSLINE...

March 12	- Milk Production	April 5	- Agricultural Outlook
March 13	- Cattle on Feed	April 6,7,8	- Vegetables
March 14	- Potato Stocks	April 9	- Agricultural Outlook
March 15	- Cattle on Feed Analysis	April 10	- Crop Prospects
March 16,17,18	- Retail Meat Prices	April 11	- Crop Prospects Analysis
March 19	- Tobacco Situation	April 12	- 1978 Crop Summary
March 20	- Rice Situation	April 13,14,15	- Milk Production
March 21	- Hogs and Pigs	April 16	- 1979 Prospective Plantings
March 22	- Hogs & Pigs Analysis	April 17	- Planting Analysis
March 23,24,25	- Livestock Slaughter	April 18	- Weather and Crops
March 26	- Vegetables	April 19	- Cattle on Feed
March 27	- Weather and Crops	April 20,21,22	- Cattle on Feed Analysis
March 28	- Agricultural Outlook	April 23	- Grain Stocks
March 29	- Wool Production	April 24	- Weather and Crops
March 30,31,	-	April 25	- Retail Food Prices
April 1	- Farmers' Prices	April 26	- Soybean Situation
April 2	- 1978 Livestock Summary	April 27,28,29	- Agricultural Outlook
April 3	- Livestock Prices	April 30	- Farmers' Prices
April 4	- Retail Meat Prices		

Features are subject to change

Send comments to: Farmers' Newsline, Room 2918, USDA, Wash., D.C. 20250

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## FARM CASH RECEIPTS TOP \$3 BILLION

Cash receipts from marketings of farm products in North Carolina during 1978 were estimated at \$3.1 billion. This is an increase of 17 percent over 1977 and a record high. The previous record was \$2.8 billion in 1976.

Receipts from all crops in N. C. during calendar year 1978 totaled \$1.9 billion, up 20 percent from 1977 when drought conditions reduced crop output. The 1978 receipts from marketings of crops set a record high.

Marketing of N.C. livestock, dairy and poultry products generated a cash receipts total of \$1.2 billion for 1978. This is also a record high and is 13 percent above the 1977 receipts.

For the Nation, cash receipts from farm marketings in 1978 were estimated at \$110 billion, 15 percent above a year earlier. Crop receipts, at \$52 billion were up 8 percent. Livestock, dairy and poultry receipts totaled \$58 billion, up 22 percent from 1977. (See Table, Page 6)

## PRICE INDEX UP IN MARCH

The "All Farm Products" index of prices received by North Carolina farmers at local markets for March is 215 (1967 = 100), up 1 point from February and 26 points over the March 1978 level.

The March "All Crops" index at 208 was unchanged from a month earlier but up 22 points from one year ago.

The March index for "Livestock and Livestock Products" was 3 points above February and 35 points above March 1978. Meat animals and poultry indexes increased 2 points and 4 points respectively over the previous month. The dairy index dropped 3 points from February.

## STATE'S HOG NUMBERS UP

Hog producers in North Carolina had an estimated 2,220,000 hogs and pigs on hand March 1, 1979. This was an increase of 11 percent from the previous year. The total consisted of 1,865,000 market hogs and 355,000 kept for breeding purposes. North Carolina ranks 7th in the Nation for total number of hogs and pigs.

North Carolina farrowings increased 13 percent during the past three months (December 1978 to February 1979) to 130,000 from the same quarter a year earlier. The average number of pigs per litter saved was 7.0, the same as a year ago. The December through February pig crop totaled 910,000 pigs -- up 13 percent.

Intentions for North Carolina producers are to increase farrowings by 22 percent during March-May 1979 and 13 percent higher for June-August 1979.

Hogs and pigs on farms March 1, 1979 in the 14 major hog States is estimated at 50.5 million head. This is 13 percent above a year earlier and the largest March 1 inventory since 1971.

The number kept for breeding, at 8.34 million, is up 20 percent from a year ago and the number for market, at 42.2 million is 12 percent above last year.

The 14 State December 1978-February 1979 pig crop totaled 18.3 million head, up 17 percent from the previous year. During this three month period, there were 2.66 million sows farrowed, up 16 percent from the same period last year. Litter size averaged 6.87 pigs compared with 6.84 a year ago.

(See Table, Page 6)



## U. S. PRICES RECEIVED INDEX UP 5 POINTS PRICES PAID INDEX UP 5 POINTS

The March Index of Prices Received by Farmers increased 5 points (2 percent) to 246 percent of its January-December 1967 average. Contributing most to the increase since February were higher prices for cattle, calves, and eggs. Lower prices for hogs and lettuce were partially offsetting. The index was 46 points (23 percent) above a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates for March 15 was 243, up 5 points (2 percent) from mid-February. Higher prices for feeder livestock, tractors and self-propelled machinery, fertilizer, other farm machinery and family living items accounted for most of the increase. The March index was 29 points (14 percent) above a year earlier.

### FARM PRICE INDEX NUMBERS

INDEX (1967 = 100)	Mar. 15 1976	Mar. 15 1977	Mar. 15 1978	Feb. 15 1979	Mar. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products...	171	182	189	2/ 214	215
All Crops.....	2/ 162	2/ 184	186	2/ 208	208
Tobacco.....	152	169	178	203	203
Oil Bearing.....	175	2/ 251	221	2/ 239	237
Grains.....	196	186	183	2/ 183	185
Commercial Vegetables.....	181	2/ 172	200	214	222
Fruits.....	2/ 172	227	205	246	257
Livestock and Livestock Products.....	185	2/ 180	193	2/ 225	228
Meat Animals.....	210	2/ 178	226	282	284
Poultry.....	179	2/ 185	180	2/ 206	210
Dairy.....	2/ 166	169	180	2/ 197	194
<b>UNITED STATES</b>					
Prices Received, All Farm Products....	184	190	200	241	246
Prices Paid, Commodities & Services 1/	194	202	214	238	243
Parity Ratio 2/.....	95	94	93	101	101

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### MID-MARCH PRICES MIXED

The average prices which Tar Heel farmers received for crops at local markets at mid-March were mixed compared to the previous month. Corn was up 3 cents per bushel, oats was unchanged, and soybeans dropped 8 cents per bushel.

Prices received for hogs dropped \$2.00 per hundredweight from February. Beef cattle, veal calves, and milk cows showed gains over the previous month. Broiler and egg prices were up 1 cent per pound and 8 cent per dozen, respectively. The price for milk dropped 30 cents per hundredweight from February.

Average feed prices paid by North Carolina farmers in March showed increases for 16% and 20% protein dairy feeds but a decrease for 18% protein dairy feed. All poultry feed prices were higher in March than in February. Chick starter was up \$6 per ton, broiler grower was up \$5 per ton, laying feed averaged \$3 per ton higher, and turkey grower was up \$7 per ton from February averages. The average price for 44% protein soybean meal, at \$13.00 per hundredweight was 50 cents higher than a month earlier.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Mar. 15 1978	Feb. 15 1979	Mar. 15 1979*	Mar. 15 1978	Feb. 15 1979	Mar. 15 1979*
		Dollars					
Tobacco.....	Lb.	-	-	-	1.202	1.123	1.048
Corn.....	Bu.	2.41	2/ 2.53	2.56	2/ 2.15	2/ 2.18	2.15
Wheat.....	Bu.	-	-	-	2/ 2.67	2/ 2.99	3.01
Oats.....	Bu.	1.76	2/ 1.29	1.29	2/ 1.17	2/ 1.25	1.28
Barley.....	Bu.	-	-	-	2/ 1.90	2/ 1.87	1.85
Sorghum Grains..	Cwt.	-	-	-	2/ 3.39	2/ 3.55	3.56
Soybeans.....	Bu.	6.24	2/ 7.32	7.24	2/ 6.20	2/ 6.99	7.08
Cotton.....	Lb.	-	-	-	2/ .511	2/ .542	.527
Cottonseed.....	Ton	-	-	-	71.00	120.00	-
Wool.....	Lb.	-	-	-	2/ .712	.770	.775
Hogs.....	Cwt.	46.50	52.50	50.50	46.80	52.80	49.40
Beef Cattle.....	Cwt.	2/ 36.20	55.30	59.20	43.80	64.00	70.20
Veal Calves.....	Cwt.	49.40	82.00	91.30	49.10	85.50	93.80
Milk Cows.....	Hd.	2/ 395.00	790.00	850.00	563.00	907.00	963.00
Com'l. Broilers..	Lb.	.235	.275	.285	.248	.289	.289
Turkeys.....	Lb.	.380	.450	.440	.378	.451	.434
Eggs <u>1/</u> .....	Doz.	.638	.696	.704	.554	.601	.643
Milk, Whlse.....	Cwt.	11.20	12.70	12.40	10.20	11.90	11.80
Potatoes.....	Cwt.	-	-	-	2/ 3.25	2.78	3.07
Sweet Potatoes..	Cwt.	11.10	10.00	11.70	2/ 12.80	11.50	12.70
Apples, Com'l...	Lb.	.128	.127	.138	.148	.140	.142
Hay, All.....	Ton	-	-	-	51.40	50.70	50.20
Alfalfa Hay....	Ton	-	-	-	53.10	53.60	53.00
Other.....	Ton	-	-	-	47.80	44.60	43.70

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Mar. 15 1978	Feb. 15 1979	Mar. 15 1979	Mar. 15 1978	Feb. 15 1979	Mar. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed						
14% Protein.....	-	-	-	126.00	140.00	139.00
16% Protein.....	144.00	150.00	152.00	135.00	150.00	149.00
18% Protein.....	144.00	153.00	151.00	148.00	161.00	162.00
20% Protein.....	147.00	162.00	163.00	149.00	165.00	166.00
32% Protein.....	195.00	210.00	210.00	197.00	219.00	224.00
Poultry Feeds						
Chick Starter.....	171.00	186.00	192.00	170.00	183.00	185.00
Broiler Grower.....	166.00	180.00	185.00	167.00	179.00	184.00
Laying Feed <u>1/</u> .....	156.00	161.00	164.00	149.00	159.00	162.00
Turkey Grower <u>1/</u> ....	193.00	198.00	205.00	179.00	194.00	198.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.80	7.80	7.70	7.40	8.15	8.27
Middlings.....	7.20	7.50	7.60	7.31	8.00	8.15
Corn Meal.....	6.20	6.40	6.30	5.69	6.00	6.09
High Protein Feeds						
Cottonseed Meal 41%.	12.00	13.00	12.50	10.50	11.80	11.90
Soybean Meal 44%....	12.00	12.50	13.00	11.30	12.60	12.80

1/ Complete ration feeds which are fed without further mixing or supplementations.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 31.0 million broiler-type chicks during February 1979. This represents a 6 percent increase over production during the same period last year. Egg-type hatch at 1.4 million eggs jumped 54 percent above February 1978.

For the Nation, egg-type chicks hatched during February 1979 totaled 39.5 million, up 7 percent from a year ago. The February 1979 hatch of broiler-type chicks at 313 million was 8 percent more than a year ago. The 301 million broiler-type eggs in incubators on March 1, 1979 were 11 percent more than a year earlier.

### CHICKS HATCHED -- FEBRUARY

STATE	BROILER-TYPE			EGG-TYPE		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	29,325	31,015	106	930	1,430	154
South Carolina	3,045	3,224	106	702	672	96
Georgia	42,391	44,765	106	4,223	4,318	102
Florida	7,374	7,716	105	3,059	3,570	117
Delaware	13,611	14,517	107	//	//	-
Maryland	16,690	19,324	116	//	//	-
Virginia	8,637	9,446	109	586	512	87
UNITED STATES	289,698	313,255	108	36,906	39,527	107

// Not published separately to avoid disclosing individual operations.

### TURKEY HATCH UP 14 PERCENT IN U. S.

The hatch of 15.6 million turkey poults during February 1979 was 14 percent above a year ago. The hatch of heavy breeds was up 11 percent from February 1978 and light breed hatch was up 65 percent.

The 25.6 million turkey eggs in incubators on March 1, 1979 were 10 percent above a year earlier. Eggs set for heavy breed turkeys were up 9 per-

cent from last year and light breeds were up 49 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 192 thousand, an increase of 101 percent from February 1978. Testings for July through February totaled 2.39 million, an increase of 13 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS MARCH 1			POULTS HATCHED DURING FEBRUARY		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousand</i>		<i>Percent</i>
North Atlantic	210	521	248	93	163	175
East North Central	2,955	2,926	99	1,503	1,851	123
West North Central	8,687	9,250	106	4,484	5,262	117
South Atlantic	4,162	5,218	125	3,003	3,540	118
South Central	2,587	2,749	106	1,905	1,945	102
West	4,573	4,943	108	2,757	2,854	104
UNITED STATES	23,174	25,607	110	13,745	15,615	114



## MARKETING CHANNELS

During February and March 1978, a marketing channel survey was conducted to determine the various channels through which farmers market their agricultural commodities. The survey was designed to aid in the development of the USDA prices received program.

In the 23 major states, 78 percent of the corn for grain was marketed to local elevators. Sales of soybeans to

local elevators averaged 80 percent for the 19 major states included in the survey.

Auctions and commission firms accounted for over three-fourths of the cattle marketings, except for steer and heifer sales which were shared almost equally with packers and butchers. Marketings of barrows and gilts tipped slightly toward packers and butchers.

### MARKETING CHANNELS FOR PRODUCERS OF FIELD CROPS -- 1977

COMMODITY	PERCENT OF TOTAL SALES - PRINCIPAL CHANNELS			
	Local Elevators	Terminal Elevators	Dealers	Other //
NORTH CAROLINA				
Corn for Grain	76	19	2	3
Oats	97			3
Soybeans	55	19	26	
MAJOR STATES				
Corn for Grain	78	13	3	6
Oats	81	2	4	13
Soybeans	80	14	3	3

// Includes other farmers, commercial feedlots, and processors.

### MARKETING CHANNELS FOR PRODUCERS OF LIVESTOCK -- 1977

COMMODITY	PERCENT OF TOTAL SALES -- PRINCIPAL CHANNELS			
	Local Auctions and Commission Firms	Packers and Butchers	Other Farmers	Other //
NORTH CAROLINA				
Barrows & Gilts	22	77	1	
Sows & Boars	52	48		
Feeder Pigs	85		9	6
Steers & Heifers	66	15	15	4
Calves (200 lbs. & Under)	91		9	
Calves (201 - 499 lbs.)	88		12	
Cows	65	14	19	2
MAJOR STATES				
Barrows & Gilts	42	56		2
Sows & Boars	64	34	2	
Feeder Pigs	50		34	16
Steers & Heifers	42	47	10	1
Calves (200 lbs. & Under)	76	4	18	2
Calves (201 - 499 lbs.)	83	3	13	1
Cows	77	14	8	1

// Includes dealers, sales through pools, co-ops, etc.



## HOGS AND PIGS -- MARCH 1, 1979 REPORT

ITEM	NORTH CAROLINA		14 MAJOR STATES*	
	1979	1979 As % Of 1978	1979	1979 As % Of 1978
	<i>Thous. Head</i>	<i>Percent</i>	<i>Thous. Head</i>	<i>Percent</i>
NUMBER ON FARMS MARCH 1:				
All hogs and pigs.....	2,220	111	50,511	113
Kept for breeding.....	355	115	8,344	120
Market.....	1,865	110	42,167	112
Market Hogs and Pigs By Weight Groups:				
Under 60 pounds.....	811	117	16,665	114
60-119 pounds.....	438	106	10,014	111
120-179 pounds.....	355	105	9,146	110
180 pounds and over....	261	107	6,342	108
SOWS FARROWING:				
December <u>1</u> / - February...	130	113	2,659	116
March-May <u>2</u> /.....	140	122	3,548	124
June-August <u>2</u> /.....	135	113	3,163	119
PIG CROP:				
December <u>1</u> / - February...	910	113	18,260	117
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
PIGS PER LITTER:				
December <u>1</u> / - February...	7.00	100	6.87	100

1/ December preceding year. 2/ Intentions. \* Includes Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Missouri, Nebraska, North Carolina, Ohio, South Dakota, Texas, and Wisconsin.

## CASH RECEIPTS FROM FARM MARKETINGS -- NORTH CAROLINA

YEAR	Livestock, Dairy & Poultry Products	Crops	Total
	<i>Million Dollars</i>		
1972	643.4	996.9	1,640.2
1973	973.0	1,361.2	2,334.2
1974	917.8	1,657.5	2,575.3
1975	1,000.9	1,637.4	2,638.3
1976	1,068.1	1,756.0	2,824.1
1977	1,067.8	1,554.4	2,622.2
1978	1,210.9	1,864.6	3,075.4



## FEBRUARY SLAUGHTER DOWN IN N. C. AND U. S.

Commercial slaughter of livestock in North Carolina during February totaled 39.7 million pounds live weight, down 13 percent from a year earlier. The number of head slaughtered dropped 5 percent to 157,400 head.

Cattle slaughter at 6.4 million pounds live weight decreased 48 percent. Calf slaughter declined 33 percent. Hog kill at 33.2 million pounds live weight was virtually unchanged from a year earlier.

The average live weight per head for cattle slaughtered was 940 pounds, up 65 pounds from a year earlier. The average live weight per head for calves was 313 pounds. Hog average weight at

221 pounds was up 2 pounds from a year earlier.

Commercial red meat production for North Carolina during February totaled 27.3 million pounds, down 9 percent from February 1978.

Commercial red meat production for the United States in February 1979 totaled 2.8 billion pounds, down 9 percent from February 1978. Beef production at 1.7 billion pounds was down 13 percent. Veal production declined 37 percent from a year ago. Pork production totaled 1.0 billion pounds, down 1 percent from a year ago. Lamb and mutton production declined 4 percent.

LIVESTOCK SLAUGHTER L/

SPECIES	FEBRUARY				JANUARY THROUGH FEBRUARY			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	14.1	6.8	12,321	6,402	29.9	17.2	26,177	16,111
Calves	.5	.3	126	85	1.1	.6	282	182
Sheep & Lambs					.1		8	
Hogs	151.6	150.3	33,279	33,249	318.8	340.8	70,302	76,846
TOTAL	166.2	157.4	45,726	39,736	349.9	358.6	96,769	93,139
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.3	2.7	3,368	2,878	6.7	6.0	6,952	6,388
Calves	.4	.2	94	59	.8	.5	199	128
Sheep & Lambs	.4	.4	45	43	.8	.8	94	89
Hogs	6.1	5.9	1,421	1,409	12.3	12.6	2,894	3,021
TOTAL	10.2	9.2	4,928	4,389	20.6	19.9	10,139	9,626

L/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter.



## FEBRUARY EGG PRODUCTION UP

The laying flocks in the Tarheel State produced an estimated 235 million eggs during February which is 7 percent more than February 1978. The average number of layers on hand during the

month was 13.0 million, 6 percent more than the previous year. The rate of lay per 100 layers increased 1 percent from February last year.

## LAYERS AND EGG PRODUCTION -- FEBRUARY

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	12,250	13,000	1,795	1,809	220	235
Virginia	3,802	4,058	1,820	1,753	69	71
South Carolina	5,698	5,849	1,803	1,826	103	107
Georgia	23,200	25,000	1,865	1,865	433	466
Florida	12,538	13,211	1,795	1,873	225	247
UNITED STATES	282,293	290,279	1,808	1,816	5,103	5,271

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# NORTH CAROLINA FARM REPORT



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## 1979 N. C. CROP HIGHLIGHTS

**SOYBEANS:** Acreage record high at 1.75 million, up 8 percent from 1978.

**CORN:** Acreage at 1.9 million, up 8% from 1978.

**FLUE-CURED TOBACCO:** Acreage at 346,000, down 11 percent from 1978.

**BURLEY TOBACCO:** Acreage at 8,300, down 200 acres from 1978.

**PEANUTS:** Acreage at 168,000, down 1% from 1978.

**COTTON:** Acreage at 70,000, up 56% from 1978.

**IRISH POTATO (summer):** Acreage at 4,300, up 2% from 1978.

**SWEET POTATO:** Acreage at 38,000, unchanged from 1978.

## SOYBEAN ACREAGE RECORD HIGH

Farmers in North Carolina intend to plant a record high acreage of soybeans in 1979. A recent survey shows soybeans are to be planted on 1.75 million acres, up 8% from last year's crop of 1.62 million acres. Nationally, soybean prospective acreage is 68.8 million acres, 7% above 1978. Growers have increased their projected plantings nearly 4% since January 1 this year.

## TOBACCO, PEANUTS, OATS AND SORGHUM ACREAGE DOWN

Flue-cured tobacco growers in North Carolina intend to harvest 354,300 acres during 1979, down 11% from the 398,500 acres in 1978. Acreage for burley at 8,300 is 200 acres below a year ago. Nationally, farmers intend to set 529,500 acres of flue-cured tobacco, down 10% from the 589,000 acres in 1978. Burley acreage at 275,100 acres is down 3% from the 283,800 acres a year ago.

Peanut acreage in the Tar Heel State is expected to total 168,000 acres down 1,000 acres or 1% from last year. Peanut acreage has been very stable in North Carolina for the past decade. The U. S. acreage at 1.5 million is virtually the same as in 1978. About one-third of the acreage will be in Georgia.

Acreage of oats in North Carolina at 160,000 is down 14% from last year's total of 185,000 acres. Sorghum acreage at 120,000 is down 4% from the 125,000 acres in 1978.

## MARCH GENERAL CONDITION

Favorable weather was experienced throughout greater North Carolina during the month of March. Spring like conditions were noticed earlier than usual and temperatures moderated to the upper 70's on some days. Precipitation during the month was heavy at first. Severe thunderstorms were reported in most areas around mid-month. Strong gusty winds and scattered hail caused some minor property damage as the line of thunderstorms moved across the State. No crop damage was reported.

Fieldwork was light early in March due to the rainfall, but accelerated later in the month as conditions became more favorable. Farmers were limited to about 2 days per week preparing land for spring plantings and the number of days advanced to 5 or better by the time Spring arrived. Where possible, activities included top-dressing small grains, spreading lime, disking, planting Irish potatoes and cabbage. Corn plantings are just underway.

Crop conditions improved during the month. The outlook for small grains is fair to mostly good. Pastures

(See Weather, Page 2)



# WEATHER (Cont'd. From Page 1)

are generally in fair to good condition. Tobacco plant beds are rated fair to mostly good. Plantings of the Spring crop irish potatoes made rapid advancement after mid-month. Over half the crop was planted by the end of March, well ahead of last year's planting of one-third.

Hay and roughage supplies are mostly adequate with some shortages being reported in the Northern Coastal Plains region. Feed grain supplies are reported as adequate for the state.

## MARCH MILK PRODUCTION DOWN

Milk production in North Carolina during March 1979 totaled an estimated 135 million pounds, down 1 percent from the same month a year earlier. Milk cows on Tar Heel farms was estimated at 143,000, down 2,000 from the previous year. The average milk production per cow at 945 pounds was up 5 pounds from March 1978.

March milk production in the U. S. totaled 10.6 billion pounds, slightly above March 1978. Production per cow averaged 979 pounds, 12 pounds above a year earlier and 18 pounds above March 1977. Total milk cows averaged 10.8 million head, off 1 percent from last year and 2 percent from March 1977. Accumulated production for the first quarter of 1979 was 30.0 billion pounds, 1 percent above the same period last year.

# ACREAGE FOR CORN, COTTON, WHEAT, RYE AND IRISH POTATOES UP

Intended corn acreage in the Tar Heel State at 1.9 million acres is up 8% from last year's crop of 1.76 million acres. For the U. S., corn plantings are expected to total 79.2 million acres, 1% below the 1978 acreage of 79.7 million.

Cotton plantings are expected to total 70,000 acres, well above the 45,000 acres in 1978. In the U. S., cotton prospective acreage is placed at 14.4 million acres, up 8% from the 1978 total of 13.4 million.

Expected wheat acreage at 235,000 is 7% above the 220,000 acres in 1978. The U. S. intended acreage at 51.5 million is up 8% from the 47.7 million a year earlier. Acres of rye at 145,000 is 7% above last year's 135,000 acres. The U. S. rye acreage at 3.1 million is 3% above the 3.0 million in 1978.

Spring irish potato acreage in North Carolina is expected to total 13,400, which is 2% above last year's 13,100 acres. In the U. S., 91,400 acres of spring irish potatoes are expected. This is 2% below last year's 93,400 acres.

Summer irish potato acreage is expected to total 4,300, which is 2% above last year's 4,200 acres. In the U. S., 112,200 acres of summer potatoes are expected. This is 2% below last year's 114,900 acres.

## MILK COWS AND MILK PRODUCTION--MARCH

STATE	Milk Cows On Farms <sup>1/</sup>		Milk Per Cow		Milk Production		
					Pounds		1979 As Percent Of 1978
	1978	1979	1978	1979	1978	1979	
	Thousands		Pounds		Millions		Percent
N. C.	145	143	940	945	136	135	99
Md.	135	133	960	940	130	125	96
Va.	173	169	930	940	161	159	99
Ga.	129	128	900	900	116	115	99
Fla.	195	189	945	945	184	179	97
U. S.	10,877	10,779	967	979	10,523	10,555	100

<sup>1/</sup> Includes dry cows. Excludes heifers not yet fresh.



# PLANTED ACRES OF CROPS, NORTH CAROLINA AND UNITED STATES

CROPS	NORTH CAROLINA				UNITED STATES 1/			
	1977	1978	1979 Intentions 2/	1979 As Percent Of 1978	1977	1978	1979 Intentions 2/	1979 As Percent Of 1978
	Thousands			Percent	Thousands			Percent
Corn, All.....	2,000	1,760	1,900	108	83,568	79,719	79,209	99
Oats 3/.....	170	185	160	86	17,733	16,385	15,038	92
Barley 3/.....	67	70	70	100	10,621	9,987	8,639	87
Winter Wheat 3/.....	235	220	4/ 235	107	56,295	47,730	4/ 51,472	108
Rye 3/.....	130	135	4/ 145	107	2,652	2,985	4/ 3,077	103
Sorghum, All.....	110	125	120	96	16,993	16,483	15,620	95
Soybeans.....	1,450	1,620	1,750	108	58,760	64,044	68,801	107
Peanuts.....	169	169	168	99	1,544.6	1,544.3	1,546.0	100
Cotton, All 5/.....	87	45	70	156	13,694.5	13,369.0	14,395.4	108
Tobacco: Type 11 6/...	160.0	155.0	137.0	88	221.0	211.0	191.0	91
Type 12 6/...	177.0	186.0	165.0	89	177.0	186.0	165.0	89
Type 13 6/...	46.0	49.0	44.0	90	114.0	120.0	107.0	89
All Flue-Cured 6/...	383.0	390.0	346.0	89	589.2	589.0	529.5	90
Burley 6/...	9.6	8.5	8.3	98	291.6	283.8	275.1	97
All Tobacco 6/.....	392.6	398.5	354.3	89	957.5	949.2	876.7	92
Hay, All 6/.....	350	360	350	97	60,658	61,495	61,259	100
Irish Potatoes, All...	17.7	17.3	17.7	102	1,397.5	1,394.9	1,334.3	96
Spring.....	13.5	13.1	13.4	102	92.8	93.4	91.4	98
Summer.....	4.2	4.2	4.3	102	118.7	114.9	112.2	98
Sweet Potatoes.....	34.0	38.0	38.0	100	117.3	124.1	122.6	99

<sup>1/</sup> Data do not include Alaska and Hawaii. <sup>2/</sup> As of April 1, 1979. <sup>3/</sup> Includes acreage planted in preceding fall.

<sup>4/</sup> Estimates made in December 1978. <sup>5/</sup> Includes Upland and American-Pima. <sup>6/</sup> Data for tobacco and hay represent harvested acres.



# PROSPECTIVE AREA FOR HARVEST, SPRING QUARTER VEGETABLES

CROP	SPRING AREA			1979 Area For Harvest As Percent Of 1978
	Harvested		For Harvest	
	1977	1978	1979	
	Acres			
NORTH CAROLINA				
Snap Beans	2,700	2,600	2,700	104
Cabbage	2,200	1,900	2,300	121
Cucumbers	3,000	3,400	3,700	109
UNITED STATES				
Major States				
Snap Beans	22,600	21,150	23,150	109
Cabbage	17,250	17,200	16,900	98
Cucumbers	18,850	19,200	19,400	101

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## STOCKS OF GRAIN UP IN N. C.

Grain stocks in North Carolina in all storage positions on April 1, 1979 were up 59 percent from a year earlier. Increases were shown for all grains.

Corn in storage totaled 42 million bushels, up 54 percent from a year earlier. On-farm stocks at 28 million bushels were about doubled from the previous year, while off-farm stocks at 14 million bushels were up 5 percent.

Wheat stocks in all positions at 2 million bushels were up 9 percent from a year earlier. On-farm stocks were down but off-farm stocks increased from April 1, 1978 levels.

Soybean stocks in all positions totaled nearly 16 million bushels and were up 80 percent from one year ago.

In the U.S., April 1, 1979 soybean stocks was a record high at 24 million metric tons, up 3 percent from a year ago. Stocks of the four feed grains totaled 135 million metric tons, 12 percent more than on April 1, 1978. Wheat stocks at 33.3 million metric tons were down 20 percent from a year earlier.

Corn in all storage positions on April 1, 1979 in the Nation, totaled a record 4.4 billion bushels, up 14 percent from a year earlier. Sorghum grain in all storage positions amounted to 419 million bushels, 1 percent above a year earlier. Barley stored in all positions totaled 295 million bushels, 24 percent above a year earlier. This is the highest April 1 barley stocks since 1970 and the second highest of record.

(See Table, Page 8)

## PRICE INDEX DOWN IN APRIL

The "All Farm Products" index of prices received by North Carolina farmers at local markets for April is 213 (1967 = 100), down 3 points from March but up 22 points above the April 1978 level.

The April "All Crops" index at 209 was unchanged from a month earlier but up 21 points from one year ago.

The April index for "Livestock and Livestock Products" was 10 points below March but 23 points above April 1978. Meat animals and poultry indexes decreased 13 points and 10 points respectively below the previous month. The dairy index fell 1 point from March 1979.

## SLAUGHTER LOWER IN MARCH

Commercial slaughter of livestock in North Carolina during March totaled 50.4 million pounds live weight, down 2 percent from a year earlier.

Cattle slaughter at 8.6 million pounds live weight was down 34 percent or 4.5 million pounds from a year earlier. The big decline in cattle slaughter was most responsible for the overall decline. On the other hand, hog kill at 41.7 million pounds live weight was up 10 percent or 3.8 million pounds from a year earlier. Calf slaughter declined 59 percent to 61,000 pounds live weight.

The average live weight per head for cattle slaughtered was 939 pounds, up 52 pounds from March last year. The average live weight per head for calves increased 13 pounds to 274. Hog average live weight per head at 223 pounds.

(See Slaughter, Page 5)



## U. S. PRICES RECEIVED INDEX DOWN 2 POINTS PRICES PAID INDEX UP 2 POINTS

The April Index of Prices Received by Farmers decreased 2 points (1 percent) to 244 percent of its January-December 1967 average. Contributing most to the decrease since March were lower prices for hogs, oranges, eggs, lettuce and milk. Higher prices for cattle, tomatoes, and calves were partially offsetting. The index was 36 points (17 percent) above a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates for April 15 was 245, up 2 points (3/4 percent) from mid-March. Higher prices for feeder livestock, fuels and energy, seed, building and fencing materials, feed and family living items accounted for most of the increase. The April index was 29 points (13 percent) above a year ago.

### FARM PRICE INDEX NUMBERS

INDEX (1967 = 100)	Apr. 15 1976	Apr. 15 1977	Apr. 15 1978	Mar. 15 1979	Apr. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products...	170	184	191	3/ 216	213
All Crops.....	3/ 162	3/ 187	188	3/ 209	209
Tobacco.....	152	169	178	203	203
Oil Bearing.....	174	3/ 276	3/ 228	3/ 242	240
Grains.....	194	3/ 188	193	3/ 189	192
Commercial Vegetables.....	183	3/ 176	197	222	224
Fruits.....	3/ 172	227	205	257	257
Livestock and Livestock Products.....	3/ 183	179	3/ 195	228	218
Meat Animals.....	3/ 218	3/ 175	222	284	271
Poultry.....	172	186	189	210	200
Dairy.....	162	166	3/ 173	3/ 195	194
<b>UNITED STATES</b>					
Prices Received, All Farm Products....	3/ 190	3/ 192	208	246	244
Prices Paid, Commodities & Services 1/	3/ 191	204	216	243	245
Parity Ratio 2/.....	3/ 99	3/ 94	96	101	100

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### MID-APRIL PRICES MIXED

The average prices which Tar Heel farmers received for crops at local markets about mid-April were mixed compared to the previous month. Corn was up 5 cents per bushel, oats dropped 2 cents per bushel and soybeans dropped 7 cents per bushel.

Prices received for hogs dropped \$4.90 per hundredweight from March. Beef cattle, veal calves, and milk cows showed gains from March. Commercial broilers, turkey and egg prices were down from last month. The price for milk dropped 10 cents per hundredweight from March.

Average feed prices paid by North Carolina farmers in April showed an increase for 16 percent protein dairy feed but a decrease for 18 percent, 20 percent and 32 percent protein dairy feeds. All poultry feed prices were higher in April than in March except chick starter which remained unchanged. Broiler grower and laying feed showed slight increases and turkey grower was up \$15 per ton. The high protein feeds, cottonseed meal, 41% protein and soybean meal, 44% protein remained unchanged from the previous month.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Apr. 15 1978	Mar. 15 1979	Apr. 15 1979*	Apr. 15 1978	Mar. 15 1979	Apr. 15 1979*
		Dollars					
Tobacco.....	Lb.	-	-	-	1.184	1.048	1.155
Corn.....	Bu.	<u>2/</u> 2.64	<u>2/</u> 2.61	2.66	<u>2/</u> 2.24	<u>2/</u> 2.22	2.24
Wheat.....	Bu.	-	-	-	2.82	2.97	2.98
Oats.....	Bu.	1.81	<u>2/</u> 1.36	1.34	1.19	<u>2/</u> 1.27	1.27
Barley.....	Bu.	-	-	-	1.93	1.89	1.89
Sorghum Grains..	Cwt.	-	-	-	3.62	3.57	3.52
Soybeans.....	Bu.	<u>2/</u> 7.03	<u>2/</u> 7.43	7.36	<u>2/</u> 6.49	<u>2/</u> 7.15	7.00
Cotton.....	Lb.	-	-	-	.522	.525	.513
Wool.....	Lb.	-	-	-	.737	.775	.841
Hogs.....	Cwt.	44.50	50.50	45.60	45.00	49.40	44.30
Beef Cattle.....	Cwt.	39.00	59.20	61.40	47.20	70.20	72.40
Veal Calves.....	Cwt.	51.20	91.30	95.40	53.70	93.80	96.40
Milk Cows.....	Hd.	425.00	850.00	890.00	579.00	963.00	1,016.00
Com'l. Broilers..	Lb.	.265	.85	.275	.278	.289	.282
Turkeys.....	Lb.	.380	.440	.420	.381	.434	.431
Eggs <u>1/</u> .....	Doz.	.608	.704	.652	.517	.643	.602
Milk, Whlse.....	Cwt.	11.10	12.50	12.40	10.10	11.80	11.60
Potatoes.....	Cwt.	-	-	-	3.39	3.07	3.02
Sweet Potatoes..	Cwt.	11.60	11.70	12.10	13.40	12.70	12.70
Apples, Com'l...	Lb.	-	-	-	.152	.142	.140
Hay, All.....	Ton	-	-	-	51.40	50.20	49.50
Alfalfa Hay....	Ton	-	-	-	53.40	53.00	52.20
Other.....	Ton	-	-	-	46.70	43.70	43.30

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Apr. 15 1978	Mar. 15 1979	Apr. 15 1979	Apr. 15 1978	Mar. 15 1979	Apr. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	129.00	139.00	139.00
14% Protein.....	145.00	152.00	154.00	137.00	149.00	149.00
16% Protein.....	146.00	151.00	150.00	149.00	162.00	160.00
18% Protein.....	148.00	163.00	162.00	151.00	166.00	163.00
20% Protein.....	190.00	210.00	205.00	203.00	224.00	222.00
32% Protein.....						
Poultry Feeds						
Chick Starter.....	178.00	192.00	192.00	175.00	185.00	186.00
Broiler Grower.....	171.00	185.00	186.00	169.00	184.00	185.00
Laying Feed <u>1/</u> .....	156.00	164.00	165.00	154.00	162.00	163.00
Turkey Grower <u>1/</u> ....	190.00	205.00	220.00	183.00	198.00	200.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.70	7.70	7.80	7.45	8.27	8.32
Middlings.....	7.20	7.60	7.30	7.44	8.15	8.13
Corn Meal.....	6.40	6.30	6.30	5.98	6.09	6.10
High Protein Feeds						
Cottonseed Meal 41%.	12.00	12.50	12.50	10.60	11.90	11.80
Soybean Meal 44%....	12.50	13.00	13.00	11.90	12.80	12.80

1/ Complete ration feeds which are fed without further mixing or supplementations.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 35.9 million broiler-type chicks during March 1979. This represents a 7 percent increase over production during the same period last year. Egg-type hatch at 1.3 million eggs dropped 20 percent below March 1978.

For the Nation, egg-type chicks hatched during March 1979 totaled 49.4

million, up 6 percent from a year ago. Eggs in incubators on April 1, 1979 at 48.8 million were 3 percent above a year ago. The March 1979 hatch of broiler-type chicks at 366 million was 10 percent more than a year ago. The 315 million eggs in incubators on April 1, 1979 totaled 11 percent more than a year earlier.

### CHICKS HATCHED -- MARCH

STATE	BROILER-TYPE			EGG-TYPE		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	33,622	35,885	107	1,560	1,250	80
South Carolina	3,445	3,415	99	815	792	97
Georgia	48,467	52,425	108	5,599	6,103	109
Florida	8,566	8,763	102	3,828	4,324	113
Delaware	15,456	15,494	100	<i>L/</i>	<i>L/</i>	-
Maryland	19,093	23,295	122	<i>L/</i>	<i>L/</i>	-
Virginia	9,668	12,015	124	497	641	129
UNITED STATES	332,312	366,223	110	46,805	49,412	106

*L/ Not published separately to avoid disclosing individual operations.*

## TURKEY HATCH UP 11 PERCENT IN U. S.

The hatch of 20.1 million turkey poults during March 1979 was 11 percent above a year ago. The hatch of heavy breeds was up 9 percent and light breed hatch was up 61 percent.

The 28.2 million turkey eggs in incubators on April 1, 1979 totaled 9 percent more than a year earlier. Eggs set for heavy breed turkeys were up 7

percent from last year and light breeds were up 53 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 109 thousand, an increase of 85 percent from March 1978. Testings for July 1978 through March 1979 totaled 2.50 million, an increase of 15 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS APRIL 1			POULTS HATCHED DURING MARCH		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	593	666	112	177	316	179
East North Central	3,387	3,333	98	2,301	2,536	110
West North Central	9,467	10,265	108	6,848	7,223	105
South Atlantic	4,448	5,194	117	3,375	4,319	128
South Central	2,927	3,011	103	1,988	2,076	104
West	5,139	5,760	112	3,372	3,607	107
UNITED STATES	25,961	28,229	109	18,061	20,077	111



## LAYERS AND EGG PRODUCTION -- MARCH

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	12,400	13,100	2,034	2,049	252	268
Virginia	3,811	4,062	2,009	1,981	77	80
South Carolina	5,675	5,695	2,105	2,071	119	118
Georgia	22,850	24,650	2,049	2,055	468	507
Florida	12,317	13,253	2,018	2,145	249	284
UNITED STATES	280,029	288,266	2,034	2,041	5,696	5,884

## MARCH EGG PRODUCTION UP

The laying flocks in the Tarheel State produced an estimated 268 million eggs during March which is 6 percent more than March 1978. The average number of layers on hand during the month was

13.1 million, 6 percent more than the previous year. The rate of lay per 100 layers decreased 1 percent from March last year.

LIVESTOCK SLAUGHTER *L/*

SPECIES	MARCH				JANUARY THROUGH MARCH			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	14.8	9.2	13,121	8,611	44.7	26.4	39,298	24,722
Calves	.6	.2	148	61	1.7	.8	430	243
Sheep & Lambs	.1	-	6	-	.1	.1	14	6
Hogs	171.8	187.1	37,917	41,719	490.6	527.8	108,218	118,565
TOTAL	187.3	196.5	51,192	50,391	537.1	555.1	147,960	143,536
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.5	2.9	3,563	3,013	10.2	8.9	10,516	9,401
Calves	.4	.3	103	63	1.3	.8	303	191
Sheep & Lambs	.5	.4	56	53	1.3	1.2	150	142
Hogs	7.1	7.4	1,653	1,760	19.4	20.0	4,546	4,780
TOTAL	11.5	11.0	5,375	4,889	32.2	30.9	15,515	14,514

*L/* Includes slaughter under Federal Inspection and other commercial slaughter, excludes farm slaughter.

## SLAUGHTER (Cont'd. From Page 1)

was 2 pounds above March 1978.

Commercial red meat production for the United States in March 1979 totaled 3.1 billion pounds, down 7 percent from March 1978. Beef production at 1.8 billion pounds was down 14 percent. Veal

production at 38 million pounds declined 37 percent from a year ago. Pork production totaled 1.25 billion pounds, up 6 percent from a year ago. Lamb and mutton production declined 4 percent to 27 million pounds.



## LIVESTOCK CASH RECEIPTS RISE

The estimated cash receipts of North Carolina farmers from the sale of meat animals in 1978 totaled \$418 million, an increase of 54 percent from 1977. This rise is accountable to an increase in number of head marketed as well as higher prices.

Cattle and calves showed the larg-

est percent increase in cash receipts at 86 percent with a total of \$117 million.

Hogs had a similar pattern. Cash receipts were up 45 percent to \$301 million.

Cash receipts from sheep and lambs rose 52 percent for a total of \$176,000.

## NORTH CAROLINA LIVESTOCK PRODUCTION, DISPOSITION AND INCOME

ITEMS	1977	1978	1978 As % Of 1977
<b>CATTLE AND CALVES:</b>			
Calves born.....No.	500,000	491,000	98
Inshipments.....No.	6,000	5,000	83
Marketings <u>2/</u>			
Cattle.....No.	211,000	241,000	114
Calves.....No.	197,000	205,000	104
Price per hundredweight:			
Cattle.....Dols.	26.70	39.90	149
Calves.....Dols.	34.80	55.20	159
Cash Receipts <u>1/</u> .....Dols.	62,857,000	116,798,000	186
Gross Income <u>5/</u> .....Dols.	70,607,000	123,534,000	175
<b>HOGS:</b>			
Pigs saved.....No.	3,175,000	3,340,000	105
Inshipments.....No.	85,000	49,000	58
Marketings <u>2/</u> .....No.	2,500,000	2,964,000	119
Price per hundredweight.....Dols.	39.10	46.70	119
Cash Receipts <u>1/</u> .....Dols.	208,208,000	301,372,000	145
Gross Income.....Dols.	228,736,000	324,868,000	142
<b>SHEEP AND LAMBS:</b>			
Lambs saved.....No.	6,800	6,400	94
Inshipments.....No.	-	-	-
Marketings <u>2/</u> :			
Sheep.....No.	1,100	2,700	245
Lambs.....No.	3,400	3,200	94
Price per hundredweight:			
Sheep.....Dols.	14.00	20.00	143
Lambs.....Dols.	36.00	44.50	124
Cash Receipts <u>1/</u> .....Dols.	116,000	176,000	152
Gross Income.....Dols.	150,000	214,000	143
<b>ALL MEAT ANIMALS:</b>			
Cash Receipts <u>1/</u> .....Dols.	271,181,000	418,346,000	154
Gross Income.....Dols.	299,493,000	448,616,000	150
<b>WOOL:</b>			
Sheep Shorn.....No.	8,000	7,000	88
Weight per fleece.....Lbs.	6.4	6.4	100
Wool produced.....Lbs.	51,000	45,000	88
Price per pound <u>3/</u> .....Dols.	.74	.72	97
Value <u>4/</u> .....Dols.	38,000	32,000	84

1/ Receipts from marketings and sale of farm slaughter. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State.  
3/ Monthly price weighted by monthly sales of wool. 4/ Production multiplied by annual average price. 5/ Cash receipts plus value of home consumption.



## NORTH CAROLINA POULTRY PRODUCTION, DISPOSITION AND INCOME

ITEMS	1977	1978	1978 As % Of 1977
<b>EGGS:</b>			
Number of layers (thous.).....	11,874	12,738	107
Eggs per layer (number) <u>1</u> /.....	240	242	101
Eggs produced (million).....	2,846	3,081	108
Eggs sold (million).....	2,827	3,062	108
Price per dozen (cents).....	66.3	61.8	93
Cash Receipts (thous. dollars).....	156,192	157,693	101
Gross Income (thous. dollars).....	157,242	158,672	101
<b>CHICKENS: <u>2</u>/</b>			
Number raised (thousands).....	14,000	13,300	95
Number sold (thousands).....	10,300	9,000	87
Pounds sold (thousands).....	77,250	63,000	82
Price per pound (cents).....	17.0	21.5	126
Cash Receipts (thous. dollars).....	13,133	13,545	103
Gross Income (thous. dollars).....	13,898	14,513	104
<b>COMMERCIAL BROILERS:</b>			
Number produced (thousands).....	339,271	353,480	104
Pounds produced (thousands).....	1,357,084	1,413,920	104
Price per pound (cents).....	23.4	25.9	111
Gross Income (thous. dollars).....	317,558	366,205	115
<b>EGGS, CHICKENS AND BROILERS:</b>			
Cash receipts (thous. dollars).....	486,883	537,443	110
Gross Income (thous. dollars).....	488,698	539,390	110
<b>TURKEYS:</b>			
Number raised - total (thous.).....	16,500	18,854	114
Heavy breeds (thousands).....	<u>3</u> /	<u>3</u> /	-
Light breeds (thousands).....	<u>3</u> /	<u>3</u> /	-
Pounds produced (thousands).....	290,400	324,289	112
Price per pound (cents).....	37.9	43.0	113
Gross Income (thous. dollars).....	110,062	139,444	127
<b>EGGS, CHICKENS, BROILERS AND TURKEYS:</b>			
Gross Income (thous. dollars).....	598,760	678,834	113

1/ Average number laid during year. 2/ Does not include commercial broilers.

3/ Breakdown by breeds combined to avoid disclosing individual operations.

## USDA RAISES RATES FOR FARM LOANS

Interest rates of 9 and 9½ percent went into effect for most Farmers Home Administration (FmHA) loan programs March 28. Formerly the interest rate for most loans had been 8½ percent.

Insured real estate loans will be made at 9 percent. These loans include farm ownership, emergency and economic emergency real estate loans, individual

soil and water, and drainage and Indian land acquisition loans.

Interest on regular insured operating loans will be 9½ percent. The new interest rate will apply also to natural disaster emergency and economic emergency operating loans used to pay for live-stock, equipment, feed, seed, fertilizer and to make minor improvements to buildings and real estate.



## STOCKS OF GRAINS -- APRIL 1

CROP	ON-FARM TOTAL		OFF-FARM TOTAL <i>L/</i>		TOTAL ALL POSITIONS	
	1978	1979	1978	1979	1978	1979
<i>Thousand Bushels</i>						
<b>NORTH CAROLINA</b>						
Corn for grain	13,790	27,968	13,627	14,253	27,417	42,221
Wheat	450	356	1,357	1,606	1,807	1,962
Oats	473	993	279	803	752	1,796
Sorghum Grain	373	626	208	307	581	933
Rye	32	18	*	*	*	*
Barley	396	722	107	185	503	907
Soybeans	4,356	7,068	4,270	8,508	8,626	15,576
<b>UNITED STATES</b>						
Corn for grain	2,516,998	3,098,247	1,360,245	1,322,321	3,877,243	4,420,568
Wheat	639,851	628,716	887,832	595,470	1,527,683	1,224,186
Oats	357,348	329,231	61,317	64,395	418,665	393,626
Sorghum Grain	140,863	142,636	273,525	276,344	414,388	418,980
Rye	4,159	8,662	1,963	3,906	6,122	12,568
Barley	148,919	196,584	89,043	98,076	237,962	294,660
Soybeans	393,684	403,910	455,448	467,565	849,132	871,475

*L/* Includes stocks at mills, elevators, warehouses, terminals and processors.

\* Unpublished to avoid disclosing individual operations.

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# NORTH CAROLINA FARM REPORT



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## APRIL GENERAL CONDITION

Farmers in the Tar Heel State had ample opportunity to work in the fields during most of April. Temperatures averaged almost 15 degrees above normal and rainfall was general early during the month. High pressure systems dominated the weather scene around mid-month. Brisk winds, lack of rainfall, and low humidity dried the soil and fieldwork in the State moved a little ahead of schedule. As a result of reduced rainfall and warmer temperatures during the month, soil moisture was still rated mostly adequate by the end of April.

Land preparation and spring planting moved rapidly in April, particularly in comparison with the five-year (1974-1978) average. Corn planting reached 82% on April 28, slightly ahead of 1978's 80% and surpasses the average of 70%. Corn stands where emerged are rated mostly good especially in the Coastal Plains region where up to 95% of the corn had been planted by April 29. Other areas of the State showed 75% planted in the Piedmont region and 40% in the Mountain.

Farmers had transplanted about 35% of the tobacco acreage by April 30, well ahead of 1978's 16% and slightly ahead of average. Stands are reported mostly fair to good and more rainfall is needed. Cotton plantings have been progressing at a rapid rate this year. The current 49% planted is ahead of last year's 35% and the average of 34%. Planting conditions have been favorable to date. Peanut planting is just underway at 6% complete. This is near last year's progress, but short of the five-year average of 10%. Soybean plantings, although less than 5% complete, are expected to increase rapidly in the next few weeks.

Watermelon plantings in the major producing counties are 60% complete,

with emerged plants in good condition. Spring cucumber plantings are virtually complete and the crop is rated fair. Spring cabbage is in fair condition while peppers are in generally good shape. The condition of wheat, oats, barley, rye, Irish potatoes, truck crops, and pasture is fair to mostly good.

## WHEAT PRODUCTION UP

The 1979 winter wheat crop in North Carolina will be harvested from an estimated 195,000 acres. This is above the previous year's acreage of 180,000. Yield per acre is forecast at 36 bushels, up 3 bushels from a year earlier. This year's crop is better than recent years due to adequate soil moisture and almost no winter kill. Expected production of 7.0 million bushels is 18% above a year earlier.

Winter wheat production in the U. S. is forecast at 1.39 billion bushels, up 11% or 143 million bushels above the 1978 crop. Yield forecast at 32 bushels per acre is the same as last year. Indicated acreage at 42,872,000 is up 10 percent from the 1978 season.

## HAY STOCKS UP SHARPLY

Hay stocks on North Carolina farms totaled 141,000 tons as of May 1, 1979. This compares with 57,000 tons a year earlier.

Nationally, hay stocks on farms May 1 are estimated at a record high 29.9 million tons, 24% above last year and 53% above 1977.



## 1978 FLUE-CURED CROP LARGER

Flue-cured tobacco production in North Carolina during 1978 is estimated at 828 million pounds. This is 15% above the previous year. Acreage harvested at 390,000 is up nearly 2% from 1977. Yields averaged 2,124 pounds per acre compared with 1,883 the previous year. The value of the 1978 crop is estimated at 1.1 billion dollars up 31% from 1977.

Flue-cured production in the U. S. is placed at 1.23 billion pounds, up

9 percent from the 1977 crop of 1.13 billion pounds. The 1978 production includes 30.2 million pounds to be carried over for sale next season, but excludes 4.08 million pounds of 1977 leaf sold during the 1978 marketing season. Harvested area totaled 589 thousand acres, virtually the same as 1977. Yield per acre for types 11-14 averaged 2,090 pounds compared with 1,917 pounds in 1977.

### FLUE-CURED TOBACCO, BY TYPE, 1977 and 1978

STATE	TYPE	Harvested Acres		Yield Per Acre		Production		Av. Price Per Pound		Value Of Production	
		1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
		<i>Thousands</i>		<i>Pounds</i>		<i>Thousands Lbs.</i>		<i>Cents</i>		<i>Thousand Dols.</i>	
Va.	11	61.0	56.0	1,795	1,850	109,495	103,600	117.5	133.5	128,657	138,306
N. C.	11	160.0	155.0	1,770	1,940	283,200	300,700	113.2	131.5	320,582	395,421
N. C.	12	177.0	186.0	1,955	2,255	346,035	419,430	118.3	134.2	409,359	562,875
N. C.	13	46.0	49.0	1,995	2,210	91,770	108,290	123.5	135.6	113,336	146,841
S. C.	13	68.0	71.0	2,040	2,120	138,720	150,520	123.3	137.6	171,042	207,116
N. C.	11-13	383.0	390.0	1,883	2,124	721,005	828,420	117.0	133.4	843,277	1,105,137
Ga.	14	65.0	61.0	2,075	2,060	134,875	125,660	115.1	142.6	155,241	179,191
Fla.	14	11.7	10.5	2,100	2,100	24,570	22,050	120.0	144.0	29,484	31,752
Ala.	14	.6	.5	1,900	1,870	1,045	972	111.0	129.0	1,160	1,254
U. S.	11-14	589.3	589.0	1,917	2,090	1,129,710	1,231,222	117.6	135.0	1,328,861	1,662,756

### MARCH PEANUT STOCKS 5 PERCENT BELOW 1978

Peanut stocks in commercial storage totaled 1.60 billion pounds of equivalent farmers' stock on March 31, 1979, 5 percent below a year earlier. Included in the total were 856 million pounds of actual farmers' stock, 4 percent less than the 894 million on hand a year ago.

Shelled peanuts on hand at month's end totaled 678 million pounds of equivalent farmers' stock, 10 percent less than a year ago. Roasting stock totaled 68.4 million pounds, 71 percent more than the 40.0 million pounds on hand a year ago. There were 72.1 million pounds of Commodity Credit Corporation uncommitted stock on hand as of March 31.

Shelled peanut stocks on March 31 totaled 510 million pounds of which about 485 million were edible grades and 25.3 million were oil stocks. Edible grade stocks by type were

Virginias, 125 million pounds; Runners, 299 million pounds; and Spanish, 60.5 million pounds.

March millings totaled 373 million pounds, up 11 percent from March a year ago. Millings by type were 91.9 million pounds of Virginias, 237 million pounds of Runners, and 44.4 million pounds of Spanish.

Commercial processors utilized 116 million pounds of shelled edible grade peanuts during March in manufacturing primary products, 8 percent more than during March 1978. Utilization for peanut butter was up 6 percent, utilization for salted peanuts was up 16 percent, and utilization for peanut candy was up 13 percent from last year.

Crushings for oil, cake, and meal totaled 53.3 million pounds during March 1979, almost double the 27.0 million pounds crushed a year ago.



## SPRING IRISH POTATOES UP

Spring Irish potato production in North Carolina is expected to total 2.3 million cwt. this year. This is 16% more than the 1978 crop and 2% more than 1977. Expected acreage for harvest at 13,700 is 700 acres above last year. The average yield per acre at 165 cwt. is 15 cwt. more than the average yield of 1978.

U. S. production of spring potatoes is forecast at 22.9 million cwt., which is 27 percent above the 1978 crop and unchanged from the 1977 crop. Prospective acreage for harvest at 90,200 acres is 700 less than a year earlier. Yield per acre is expected to average 253 cwt.. This is well above the 1978 yield of 198 cwt.

### SPRING IRISH POTATOES -- Acreage, Yield and Production

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	<i>1,000 Acres</i>			<i>Cwt.</i>			<i>1,000 Cwt.</i>		
Alabama.....	10.5	9.5	8.8	120	100	110	1,260	950	968
Arizona.....	6.5	6.0	6.2	270	265	260	1,755	1,590	1,612
California....	30.8	29.0	30.0	385	285	400	11,858	8,265	12,000
Florida.....	21.2	22.4	21.4	217	166	213	4,605	3,727	4,556
Louisiana.....	2.3	2.3	2.1	75	75	70	173	173	147
Mississippi...	1.3	1.2	-	90	90	-	117	108	-
NORTH CAROLINA	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Texas.....	5.4	7.5	8.0	165	160	165	891	1,200	1,320
UNITED STATES.	91.4	90.9	90.2	250	198	253	22,870	17,963	22,864

### MORE PEACHES EXPECTED IN '79

Peach poundage in North Carolina is expected to total 46 million pounds this year compared with 45 million pounds in 1978 or an increase of 2% from a year ago.

Peach production in the nine southern states is forecast at 606 million pounds, up 3% from the previous

year total. The southern states showing a decline in production are Alabama, Georgia and Texas. South Carolina, the number 1 peach producing state, is expecting to harvest 340 million pounds, an increase of 8% from last season.

### ESTIMATED PEACH PRODUCTION BY STATES

STATES	1977		1978		INDICATED MAY 1, 1979	
	Million Pounds	48 Pound Equivalents	Million Pounds	48 Pound Equivalents	Million Pounds	48 Pound Equivalents
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>	
NORTH CAROLINA.	35.0	729	45.0	938	46.0	958
South Carolina.	275.0	5,729	315.0	6,563	340.0	7,083
Georgia.....	90.0	1,875	120.0	2,500	110.0	2,292
Alabama.....	10.0	208	15.0	313	13.0	271
Mississippi....	4.0	83	4.0	83	4.0	83
Arkansas.....	40.0	833	37.0	771	40.0	833
Louisiana.....	6.5	135	6.5	135	6.5	135
Oklahoma.....	10.0	208	8.5	177	10.0	208
Texas.....	48.0	1,000	40.0	833	36.0	750
9 STATES.....	518.5	10,800	591.0	12,313	605.5	12,613



# COTTON: Acreage, Yield and Production

STATE	AREA HARVESTED		YIELD <i>L/</i>		PRODUCTION	
	1977	1978	1977	1978	1977	1978
UPLAND	<i>1,000 Acres</i>		<i>Pounds</i>		<i>1,000 Bales</i>	
Alabama.....	395.0	315.0	337	443	277.0	291.0
Arizona.....	515.0	538.0	997	953	1,070.0	1,068.0
Arkansas.....	930.0	760.0	534	417	1,035.0	660.0
California.....	1,390.0	1,455.0	964	640	2,790.0	1,940.0
Georgia.....	170.0	115.0	232	463	82.0	111.0
Louisiana.....	540.0	510.0	583	450	656.0	478.0
Mississippi....	1,360.0	1,150.0	581	575	1,645.0	1,378.0
Missouri.....	258.0	182.0	437	496	235.0	188.0
NORTH CAROLINA.	83.0	42.0	305	515	53.0	45.0
Oklahoma.....	520.0	585.0	402	292	436.0	355.0
South Carolina.	153.0	98.0	342	562	109.0	115.0
Tennessee.....	300.0	230.0	407	490	255.0	235.0
Texas.....	6,450.0	6,200.0	407	294	5,465.0	3,792.0
AMERICAN PIMA						
Arizona.....	42.3	34.2	738	754	65.0	53.7
Texas.....	22.5	28.0	747	456	35.0	26.6
UNITED STATES..	13,275.3	12,370.0	520	421	14,389.2	10,855.8

*L/ 480-lb. net weight bales.*

Julius M. Peele  
Agricultural Statistician

Dan C. Tucker  
Statistician In Charge

U.S. Department of Agriculture / N.C. Department of Agriculture

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JUN 20 1979

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(USPS 331-110)  
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## **NORTH CAROLINA FARM LABOR FORCE INCREASED**

The number of workers on farms in North Carolina during the week of April 8-14, 1979 is estimated at 122,000 workers. This is up 4% from the same quarter last year. The number of farm operators and unpaid family members working on farms decreased 6% to 73,000 and the number of all hired workers increased 29% to 49,000.

The total labor force on farms across the Nation during the survey week was estimated at 3.5 million workers, 6% less than April 1978. Farm operators working one hour or more and unpaid family members working 15 hours or more totaled 2.4 million, down 7% from last April and hired workers numbered 1.0 million, down 4% from a year ago.

Farm wage rates for all methods of pay converted to an hourly rate averaged \$3.39 during the survey week. This was 30 cents above the average of \$3.09 per hour paid a year ago. Hourly workers receiving only cash wages averaged \$3.42 per hour compared with \$3.08 a year earlier.

## **1978 DAIRY CASH RECEIPTS UP**

The 1978 cash receipts from marketing of dairy products increased 4 percent above 1976 to \$173,011,000. Most responsible for the increase was a rise in the price of dairy products. Total milk produced on farms in 1978 was down 25 million pounds and milk produced per cow was down 21 pounds.

*(See Table, Page 7)*

## **PRICES RECEIVED INDEX UP**

The "All Farm Products" index of prices received by North Carolina farmers at local markets during May was 214, up 1 point from April and 20 points from May 1978.

The "All Crops" index at 211 remained unchanged from the previous month. Oil bearing crops were up 2 points to 241. Grains were up 1 point.

The "Livestock and Livestock Products" index was up 2 points from last month to 241 and 10 points from May last year. Meat animals were up 5 points from last month and 39 points from last year. Poultry was up 2 points while dairy was down 1 point.

*(See Table, Page 2)*

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*(See Farmers Newsl ine, Page 5)*



## U. S. PRICES RECEIVED INDEX UP 2 POINTS PRICES PAID INDEX UP 1 POINT

The May Index of Prices Received by Farmers increased 2 points (3/4 percent) to 246 percent of its January-December 1967 average. Contributing most to the increase since April were higher prices for hay, wheat, citrus, corn, potatoes and broilers. Lower prices for cattle, tomatoes, eggs, hogs and soybeans were partially offsetting. The index was 31 points (14 percent) above a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates for May 15 was 247, up 1 point (1/2 percent) from mid-April. Lower prices for feeder livestock were more than offset by higher prices for feed, fuels and energy, autos and trucks, and family living items. The May index was 28 points (13 percent) above a year ago.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	May 15 1976	May 15 1977	May 15 1978	April 15 1979	May 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products...	3/ 171	3/ 185	194	213	214
All Crops.....	3/ 163	188	3/ 191	3/ 211	211
Tobacco.....	152	169	178	203	203
Oil Bearing.....	180	3/ 287	3/ 231	3/ 239	241
Grains.....	200	3/ 178	3/ 200	3/ 195	196
Commercial Vegetables.....	3/ 178	3/ 187	3/ 227	224	224
Fruits.....	3/ 148	227	205	257	257
Livestock and Livestock Products....	186	180	200	3/ 218	220
Meat Animals.....	221	185	237	271	276
Poultry.....	177	183	189	200	202
Dairy.....	3/ 162	1/ 167	173	3/ 190	189
<b>UNITED STATES</b>					
Prices Received, All Farm Products....	3/ 191	3/ 192	215	244	246
Prices Paid, Commodities & Services 1/	3/ 191	204	219	3/ 246	247
Parity Ratio 2/.....	3/ 100	3/ 94	98	99	100

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### CROP, LIVESTOCK AND FEED PRICES MIXED

Prices received for crops by North Carolina farmers at local markets about mid May were slightly higher (See Table, page 3). Corn was up 1 cent per bushel, oats up 6 cents per bushel and soybeans 7 cents per bushel to \$7.40.

Prices received for livestock were mixed. Hogs, at \$45.10 per hundred-weight were down 50 cents per hundred-weight from April. Beef cattle rose \$4.50 per hundredweight to \$65.90, while veal calves rose \$2.40 per hundredweight to \$97.80. Milk cows were up \$40.00 to \$930.00 per head.

Average prices paid for feed by North Carolina farmers during May showed a slight increase for 16 percent, 20 percent, and 32 percent protein dairy feed, respectively. The 18 percent dairy feed remained unchanged. Chick starter was down \$1.00 per ton, broiler grower was up \$1.00 per ton, laying feed was up \$2.00 per ton and turkey grower up \$10.00 per ton. The high protein feeds, cottonseed meal, 41 percent protein, soybean meal, 44 percent protein meal were up 50 cents per hundredweight to \$13.00 and \$13.50, respectively.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 36.6 million broiler-type chicks during April 1979. This represents an 8 percent increase over production during the same period last year. Egg-type hatch at 1.2 million eggs was 4 percent above April 1978.

Egg-type chicks hatched during April 1979 totaled 52.6 million, up 3

percent from a year ago. Eggs in incubators on May 1, 1979 at 50.1 million were 2 percent above a year ago. The April 1979 hatch of broiler-type chicks at 372 million was 10 percent more than a year ago. The 320 million eggs in incubators on May 1, 1979 were 8 percent above a year earlier.

### CHICKS HATCHED -- APRIL

STATE	BROILER-TYPE			EGG-TYPE		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	33,857	36,609	108	1,150	1,200	104
South Carolina	3,470	3,904	113	879	1,090	124
Georgia	48,766	52,761	108	5,644	6,391	113
Florida	8,346	8,965	107	3,986	2,904	73
Delaware	15,917	15,664	98	<i>L/</i>	<i>L/</i>	-
Maryland	19,228	23,746	123	<i>L/</i>	<i>L/</i>	-
Virginia	9,521	12,430	131	757	620	82
UNITED STATES	337,920	371,521	110	50,886	52,572	103

*L/ Not published separately to avoid disclosing individual operations.*

### TURKEY HATCH UP 11 PERCENT

The hatch of 20.1 million turkey poults during March 1979 was 11 percent above a year ago. The hatch of heavy breeds was up 9 percent and light breed hatch was up 61 percent.

The 28.2 million turkey eggs in incubators on April 1, 1979 totaled 9 percent more than a year earlier. Eggs set for heavy breed turkeys were up 7 per-

cent from last year and light breeds were up 53 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 109 thousand, an increase of 85 percent from March 1978. Testings for July 1978 through March 1979 totaled 2.50 million, an increase of 15 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS MAY 1			POULTS HATCHED DURING APRIL		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	807	543	67	373	423	113
East North Central	3,560	3,766	106	2,520	2,536	101
West North Central	10,595	10,663	101	7,057	7,659	109
South Atlantic	4,786	5,638	118	3,471	4,140	119
South Central	2,899	3,006	104	2,022	2,077	103
West	5,043	5,433	108	3,645	4,154	114
UNITED STATES	27,690	29,049	105	19,088	20,989	110



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		May 15 1978	Apr. 15 1979	May 15 1979*	May 15 1978	Apr. 15 1979	May 15 1979*
		Dollars					
Tobacco.....	Lb.	-	-	-	1.130	1.170	1.215
Corn.....	Bu.	2/ 2.74	2/ 2.70	2.71	2.29	2.27	2.34
Wheat.....	Bu.	-	-	-	2.82	3.01	3.22
Oats.....	Bu.	2/ -	2/ 1.29	1.35	1.24	1.29	1.29
Barley.....	Bu.	-	-	-	2.15	1.96	2.03
Sorghum Grains..	Cwt.	-	-	-	3.66	3.58	3.60
Soybeans.....	Bu.	2/ 7.14	2/ 7.33	7.40	6.77	7.06	6.95
Cotton.....	Lb.	-	-	-	.537	.534	.546
Wool.....	Lb.	-	-	-	.739	.841	.883
Hogs.....	Cwt.	47.00	45.60	45.10	47.90	44.30	43.60
Beef Cattle.....	Cwt.	41.80	61.40	65.90	50.50	72.40	71.50
Veal Calves.....	Cwt.	58.30	95.40	97.80	59.50	96.40	96.70
Milk Cows.....	Hd.	450.00	890.00	930.00	601.00	1,016.00	1,052.00
Com'l. Broilers..	Lb.	.265	.275	.280	.278	.282	.290
Turkeys.....	Lb.	.400	.420	.430	.395	.431	.422
Eggs <u>L/</u> .....	Doz.	.598	.652	.645	.492	.602	.567
Milk, Whlse.....	Cwt.	11.10	12.20	12.10	10.10	11.60	11.50
Potatoes.....	Cwt.	-	-	-	3.97	3.02	3.33
Sweet Potatoes..	Cwt.	12.60	12.10	12.10	14.20	12.70	13.70
Apples, Com'l... Hay, All..... Alfalfa Hay.... Other.....	Lb. Ton Ton Ton	- - - -	- - - -	- - - -	.201 55.30 58.10 47.20	.140 49.50 52.20 43.30	.139 65.10 71.00 48.20

L/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers.

2/ Revised.

\* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	May 15 1978	Apr. 15 1979	May 15 1979	May 15 1978	Apr. 15 1979	May 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	130.00	139.00	139.00
14% Protein.....	-	-	-	136.00	149.00	150.00
16% Protein.....	144.00	154.00	156.00	147.00	160.00	160.00
18% Protein.....	147.00	150.00	150.00	148.00	163.00	163.00
20% Protein.....	151.00	162.00	164.00	203.00	222.00	222.00
32% Protein.....	195.00	205.00	210.00			
Poultry Feeds						
Chick Starter.....	182.00	192.00	191.00	175.00	186.00	186.00
Broiler Grower.....	178.00	186.00	187.00	171.00	185.00	184.00
Laying Feed <u>L/</u> .....	158.00	165.00	167.00	155.00	163.00	163.00
Turkey Grower <u>L/</u> ....	192.00	220.00	230.00	184.00	200.00	201.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.90	7.80	8.20	7.34	8.32	8.23
Middlings.....	7.20	7.30	7.60	7.29	8.13	8.03
Corn Meal.....	6.50	6.30	6.40	6.00	6.10	6.21
High Protein Feeds						
Cottonseed Meal 41%.	12.00	12.50	13.00	10.50	11.80	11.80
Soybean Meal 44%....	12.50	13.00	13.50	11.80	12.80	12.80

L/ Complete ration feeds which are fed without further mixing or supplementations.



## APRIL EGG PRODUCTION UP

The laying flocks in the Tarheel State produced an estimated 262 million eggs during April which is 3 percent more than April 1978. The average number of layers on hand during the month

was 13.1 million, 4 percent more than the previous year. The rate of lay per 100 layers decreased 1 percent from April last year.

### LAYERS AND EGG PRODUCTION -- APRIL

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	12,550	13,050	2,025	2,010	254	262
Virginia	3,731	4,046	1,944	1,908	73	77
South Carolina	5,653	5,705	2,115	2,115	120	121
Georgia	23,400	24,500	1,950	2,025	456	496
Florida	12,133	12,698	2,025	2,061	246	262
UNITED STATES	278,652	285,320	1,993	1,993	5,554	5,686

# FARMERS' NEWSLINE

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Coming up on the NEWSLINE...

June 8,9,10	- Retail Meat Prices	July 5	- World Agriculture II
June 11	- Crop Prospects	July 6,7,8	- Livestock Situation
June 12	- Cattle on Feed	July 9	- Agricultural Outlook
June 13	- Cattle on Feed Analysis	July 10	- Farm Real Estate
June 14	- Crops & Weather	July 11	- Crop Prospects
June 15,16,17	- Livestock Prospects	July 12	- Crop Prospects Analysis
June 18	- Tobacco Situation	July 13,14,15	- Fruit Situation
June 19	- Crops & Weather	July 16	- Milk Production
June 20	- World Agriculture	July 17	- Fats & Oils
June 21	- Hogs & Pigs	July 18	- Dairy Situation
June 22,23,24	- Grain Stocks	July 19	- Cattle on Feed
June 25	- Hogs & Pigs Analysis	July 20,21,22	- Cattle on Feed Analysis
June 26	- Supply & Demand Situation	July 23	- Red Meat Production
June 27	- Crops & Weather	July 24	- Wheat Situation
June 28	- 1979 Planted Acreage	July 25	- Cattle Inventory
June 29,30	- Farmers' Prices	July 26	- Cattle Inventory Analysis
July 1	- Farmers' Prices	July 27,28,29	- Agricultural Outlook
July 2	- World Agriculture	July 30	- Vegetable Situation
July 3,4	- Crops & Weather	July 31	- Farmers' Prices

Features are subject to change

Send comments to: Farmers' Newsline, Room 2918, USDA, Wash., D.C. 20250



## APRIL SLAUGHTER UP

Commercial slaughter of livestock in North Carolina during April totaled an estimated 46.2 million pounds live weight, up 1 percent from a year earlier. Also the 1 percent increase reverses a recent trend that has been mostly down the past few months.

Cattle slaughter at 7.4 million pounds live weight was down 33 percent or 3.7 million pounds from April last year. Calf slaughter declined 44 percent to 63,000 pounds slaughtered. Hog kill, at 38.7 million pounds live weight jumped 13 percent or 4.4 million pounds thus offsetting the big decline in cattle and calf slaughter.

The average live weight per head for cattle slaughtered was 938 pounds, up 60 pounds from April last year. The average live weight per head for calves slaughtered increased 31 pounds to 312. Hog average live weight per head at 225 pounds was 3 pounds above April 1978.

Commercial red meat production for the United States in April 1979 totaled 2.88 billion pounds, down 6 percent from April 1978.

Comparing April 1979 with April 1978: Beef production at 1.59 billion pounds was down 17 percent. Head kill at 2.53 million was down 20 percent, while average live weight increased 31 pounds to 1057. Veal production at 33 million pounds declined 34 percent from a year ago. Calf slaughter at 223 thousand head was down 37 percent, while average live weight increased 5 pounds to 247. Pork production totaled 1.24 billion pounds, up 13 percent from a year ago. The 7.24 million head killed was up 12 percent, and average live weight increased 3 pounds to 240. Preliminary lard production was 92 million pounds, up 15 percent. Lamb and mutton production was unchanged at 25 million pounds. Head kill at 444 thousand was down 1 percent, while average live weight increased 2 pounds to 114.

### NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER 1/

SPECIES	APRIL				JANUARY THROUGH APRIL			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	12.6	7.9	11,090	7,391	57.3	34.3	50,388	32,113
Calves	.4	.2	112	63	2.1	1.0	542	307
Sheep & Lambs	.1	.1	8	3	.3	.1	23	10
Hogs	154.5	172.3	34,289	38,703	645.1	700.1	142,507	157,269
TOTAL	167.6	180.5	45,499	46,160	704.8	735.5	193,460	189,699
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.2	2.5	3,263	2,676	13.4	11.4	13,778	12,078
Calves	.4	.2	85	55	1.6	1.0	388	247
Sheep & Lambs	.4	.4	50	50	1.8	1.7	200	192
Hogs	6.5	7.2	1,532	1,738	25.9	27.3	6,079	6,519
TOTAL	10.5	10.3	4,930	4,519	42.7	41.4	20,445	19,036

1/ Includes slaughter under Federal Inspection and other commercial slaughter, excludes farm slaughter.



## MILK: Production, Disposition and Income, 1977-78, North Carolina

ITEMS	UNIT	1977 Revised	1978 Preliminary
<b>FARM PRODUCTION OF MILK AND MILKFAT:</b>			
Milk produced per milk cow <u>1</u> /.....	Lbs.	10,979	10,958
Butterfat produced per milk cow.....	Lbs.	403	400
Percentage of fat in milk.....	%	3.67	3.65
Total milk produced on farms <u>1</u> /.....	Lbs.	1,592,000,000	1,567,000,000
Total milkfat produced on farms.....	Lbs.	58,000,000	57,000,000
<b>MILK USED ON FARMS WHERE PRODUCED:</b>			
Fed to calves <u>1</u> /.....	Lbs.	10,000,000	12,000,000
Used for milk, cream and butter.....	Lbs.	60,000,000	50,000,000
Total used on farms.....	Lbs.	70,000,000	62,000,000
<b>MILK MARKETED BY FARMERS:</b>			
Sold to plants and dealers as whole milk <u>2</u> /.	Lbs.	1,505,000,000	1,485,000,000
Sold directly to consumers <u>3</u> /.....	Lbs.	17,000,000	20,000,000
Total Sold.....	Lbs.	1,522,000,000	1,505,000,000
<b>MILK SOLD BY FARMERS TO PLANTS AND DEALERS:</b>			
Quantity.....	Lbs.	1,505,000,000	1,485,000,000
Price per 100 pounds.....	Dols.	10.90	11.40
Cash receipts from sales to plants & dealers	Dols.	164,045,000	169,290,000
<b>MILK SOLD BY FARMERS DIRECTLY TO CONSUMERS:</b>			
Quantity.....	Qts.	7,907,000	9,302,000
Price per quart.....	Cts.	35.0	40.0
Cash receipts from direct sales.....	Dols.	2,767,000	3,721,000
<b>RETURNS FROM COMBINED MARKETINGS OF MILK AND CREAM:</b>			
Average per 100 pounds milk <u>4</u> /.....	Dols.	10.96	11.50
Average per pound butterfat <u>4</u> /.....	Dols.	2.99	3.15
Total cash receipts from marketings.....	Dols.	166,812,000	173,011,000
<b>VALUE OF MILK, CREAM AND BUTTER USED ON FARMS WHERE PRODUCED: <u>5</u>/.....</b>			
	Dols.	6,576,000	5,750,000
<b>GROSS FARM INCOME FROM DAIRY PRODUCTS: <u>6</u>/.....</b>			
	Dols.	173,388,000	178,761,000
<b>FARM VALUE OF MILK PRODUCED: <u>5</u>/ <u>7</u>/.....</b>			
	Dols.	174,483,000	180,205,000

1/ Excludes milk sucked by calves. 2/ Includes milk produced by dealer's own herds.  
3/ Sales directly to consumers by producers who sell only milk from their own herds.  
Also includes milk produced by institutional herds. 4/ Cash receipts divided by  
milk or milkfat represented in combined marketings. 5/ Valued at average returns  
per 100 pounds of milk in combined marketings of milk and cream. 6/ Cash receipts  
from marketings of milk and cream plus value of milk used for home consumption and  
farm-churned butter. 7/ Includes value of milk fed to calves.



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Agricultural Statistician

Dan C. Tucker  
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# NORTH CAROLINA FARM REPORT



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Semi-Monthly

## N. C. PEACH PRODUCTION UP

North Carolina's peach production for the 1979 crop is forecast at 48 million pounds. This forecast is up 7% from the previous year and 37% above 1977.

Peach prospects are currently rated fair to mostly good. Harvesting of the crop is just underway.

For the nine southern states, the production forecast is up 7% from last year. Improved prospects in South Carolina and Georgia more than offset a decline in Alabama and Texas. Production for the nine southern states is expected to total 632.5 million pounds, up 7% from 1977 and up 22% from 1976.

Peach production in the U. S. is forecast at 2.92 billion pounds, 8% above last year, but 2% below the 1977 crop. The California' clingstone peach crop is expected to total 1.32 billion pounds, 7% above last year but 12% below 1977.

## MAY GENERAL CONDITION

Temperatures during early May were near normal to a little above by the end of the second week. Precipitation was generally adequate during much of the first two weeks and farmers stayed very active transplanting tobacco, planting corn, peanuts, cotton, soybeans and cutting hay. Rainfall was heavy statewide on the 12th and 13th and subsequent wet fields slowed planting and other farm activities.

A cold front preceded by heavy showers and thundershowers moved across the state the third week in May and became stationary along the coast. Before the week was over another front brought more rainfall limiting days suitable for fieldwork to a little over three. Farmers were concerned with the rainy weather nearer the end of the month as water damage to some crops and isolated incidences of erosion were being reported, but not serious. Soil

(See Weather, Page 2)

## ESTIMATED PEACH PRODUCTION, BY STATES

STATE	1977		1978		Indicated June 1, 1979	
	Million Pounds	48 Pound Equivalents	Million Pounds	48 Pound Equivalents	Million Pounds	48 Pound Equivalents
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>	
NORTH CAROLINA.	35.0	729	45.0	938	48.0	1,000
South Carolina.	275.0	5,729	315.0	6,563	340.0	7,083
Georgia.....	90.0	1,875	120.0	2,500	135.0	2,813
Alabama.....	10.0	208	15.0	313	13.0	271
Mississippi....	4.0	83	4.0	83	4.0	83
Arkansas.....	40.0	833	37.0	771	40.0	833
Louisiana.....	6.5	135	6.5	135	6.5	135
Oklahoma.....	10.0	208	8.5	177	10.0	208
Texas.....	48.0	1,000	40.0	833	36.0	750
9 STATES.....	518.5	10,800	591.0	12,313	632.5	13,176



## U. S. WHEAT PRODUCTION UP

Winter wheat production in the U. S. is forecast at 1.43 billion bushels, up 14 percent from the previous year. Yield forecast at 33 bushels per acre is up one bushel from a year ago. Indicated acreage at 42.9 million is up 10% from the 1978 season.

## BLUEBERRIES DOWN 9 PERCENT

Growers in North Carolina expect to harvest 7.11 million pounds, 9 percent less than last year. The decline is attributed to winter damage. In New Jersey, the 25.3 million pound crop is 13 percent above last season. Bloom was heavy and set was good; however, frequent rains have caused production losses in some areas. The first forecast for the other States estimating blueberries (Maine, Michigan, Oregon, and Washington) will be published July 11.

## SPRING IRISH POTATOES UP

Spring Irish potato production in North Carolina on June 1 is forecast at 2,261 thousand cwt., up 16% from the previous year. The estimate of 13,700 acres for harvest is up 5% from a year ago. Yield per acre at 165 cwt. is up 10% from the 1978 crop.

U. S. spring potato production is forecast at 23.1 million cwt., up 1% from a month ago and 28% above the record low 1978 crop.

## WEATHER (Cont'd. From Page 1)

moisture levels were reported 31% adequate and 69% surplus across the state by May 27.

Although weather conditions were unfavorable, the overall crop conditions were generally fair to mostly good. The condition of flue-cured tobacco was rated 1% poor, 42% fair, 55% good and 2% excellent. Burley transplanting at 28% complete compared with 17% last year and the average of 42%. The corn crop has shown some sign of too much water, but is still rated fair to mostly good. Cotton condition was rated 8% poor, 40% fair, 47% good and 5% excellent. The condition of Irish potatoes, small grains and pastures continue to be rated fair to mostly good.

Peanut planting is about three-fourths complete, trailing last year's 80% and the average of 86%. Soybean planting at 51% complete is ahead of last year's and even with average. Sorghum plantings at 34% complete compares to last year's pace of 35%, but well below the average of 50%. Fruit and vegetable crops generally are in fair to good shape. Harvest of spring cabbage is getting underway and some blueberries are being picked in southeastern counties. Harvest of early variety peaches is expected to begin the first week of June.

## SPRING IRISH POTATOES: Acres, Yield and Production

STATE	Acres Harvested			Yield Per Acre			Production		
	1977	1978	Indicated June 1, 1979	1977	1978	Indicated June 1, 1979	1977	1978	Indicated June 1, 1979
	<i>Thousands</i>			<i>Hundredweight</i>			<i>Thousand Hundredweight</i>		
NORTH CAROLINA.	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Alabama.....	10.5	9.5	8.0	120	100	125	1,260	950	1,000
Arizona.....	6.5	6.0	6.2	270	265	270	1,755	1,590	1,674
California.....	30.8	29.0	30.0	385	285	400	11,858	8,265	12,000
Fla.-Hastings..	19.5	20.6	20.4	220	170	220	4,290	3,502	4,488
Other.....	1.7	1.8	1.0	185	125	170	315	225	170
Louisiana.....	2.3	2.3	2.1	75	75	70	173	173	147
Mississippi....	1.3	1.2	-	90	90	-	117	108	-
Texas.....	5.4	7.5	8.0	165	160	165	891	1,200	1,320
TOTAL.....	91.4	90.9	89.4	250	198	258	22,870	17,963	23,060



## N. C. NUMBER ONE IN YAMS

North Carolina continued to be the top producer of sweet potatoes in 1978. An estimated 5.2 million cwt. was harvested from 37,000 acres. This is

about one-third of the entire U. S. production. Production in North Carolina was up 16% from 1977 due to increased acreage and yield during 1978.

## SWEET POTATOES: Acreage, Yield and Production, 1977-78\*

STATE	Area Planted		Area Harvested		Yield		Production	
	1977	1978	1977	1978	1977	1978	1977	1978
	<i>Thousand Acres</i>		<i>Thousand Acres</i>		<i>Cwt.</i>		<i>Thousand Cwt.</i>	
N. C.	34.0	38.0	33.0	37.0	135	140	4,455	5,180
Ala.	5.5	5.5	5.3	5.5	85	100	451	550
Ark.	1.6	1.6	1.6	1.6	76	79	122	126
Calif.	7.8	8.7	7.8	8.7	150	160	1,170	1,392
Ga.	6.3	6.5	5.5	6.0	90	110	495	660
La.	28.0	29.0	27.0	28.0	90	95	2,430	2,660
Md.	1.7	1.4	1.6	1.4	155	160	248	224
Miss.	9.0	9.5	8.0	9.0	85	88	680	792
N. J.	2.4	2.6	2.4	2.6	105	110	252	286
S. C.	2.3	2.4	2.3	2.4	91	105	209	252
Tenn.	2.8	2.8	2.8	2.8	100	100	280	280
Texas	10.0	10.0	9.5	9.5	95	110	903	1,045
Va.	5.9	6.3	5.6	6.1	125	140	700	854
U. S.	117.3	124.3	112.4	120.6	110	119	12,395	14,301

\* 1978 revised.

## MAY MILK PRODUCTION UNCHANGED

Milk production in North Carolina during May was estimated at 136 million pounds, the same as a year earlier. The number of milk cows on Tar Heel farms was estimated at 142,000 head, 2,000 less than May 1978. However, the average milk production per cow at 960 pounds was up 15 pounds from May a year earlier.

May milk production in the U. S. totaled 11.2 billion pounds, virtually unchanged from May 1978. Production per cow averaged 1,040 pounds, 7 pounds above a year earlier and 6 pounds above May 1977. Total milk cows averaged 10.7 million head for May, down 1 percent from last year and 2 percent below May 1977.

## MILK COWS AND MILK PRODUCTION--MAY

STATE	Milk Cows On Farms $\angle$ /		Milk Per Cow		Milk Production		
					Pounds		1979 As Percent Of 1978
	1978	1979	1978	1979	1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
N. CAROLINA...	144	142	945	960	136	136	100
Maryland.....	134	129	1,065	1,055	143	136	95
Virginia.....	172	169	960	990	165	167	101
Georgia.....	129	126	850	860	110	108	98
Florida.....	194	192	925	950	179	182	102
U. S. ....	10,824	10,744	1,033	1,040	11,178	11,175	100

$\angle$ / Includes dry cows. Excludes heifers not yet fresh.



N.C. VEGETABLES: Acres, Yield, Production & Value, 1977-78, Revised

CROPS	Area Harvested		Yield Per Acre		Production		Value Of Production	
	1977	1978	1977	1978	1977	1978	1977	1978
	Acres		Cwt.		1,000 Cwt.		1,000 Dollars	
FRESH MARKET								
Snap Beans: All.	6,700	6,640	31	33	210	217	4,920	5,469
Spring.....	2,700	2,600	24	22	65	57	1,255	1,539
Summer.....	3,700	3,700	36	40	133	148	3,405	3,656
Fall.....	300	340	40	35	12	12	260	274
Cabbage: All....	7,000	6,700	138	148	965	993	4,481	7,603
Spring.....	2,200	1,900	110	110	242	209	941	2,132
Summer.....	2,600	2,900	185	185	481	537	2,064	4,266
Fall.....	2,200	1,900	110	130	242	247	1,476	1,205
Sweet Corn.....	4,900	4,700	60	53	294	249	2,102	2,241
Cucumbers.....	6,800	8,500	63	49	430	414	3,368	5,388
Green Peppers...	7,000	6,700	37	37	259	248	3,134	5,034
Strawberries....	2,100	2,100	20	15	42	32	1,848	1,120
Tomatoes.....	2,000	2,000	140	135	280	270	4,760	3,942
Watermelons.....	7,000	7,400	55	57	385	422	1,286	1,338
PROCESSING								
	Acres		Ton		1,000 Tons		1,000 Dollars	
Cucumbers.....	28,000	29,500	2.60	2.62	72.90	77.30	9,623	9,894
Snap Beans.....	1,400	1,500	1.32	1.33	1.85	2.00	285	286

⌋ Values are for the crop year and should not be confused with calendar year income.

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## SOYBEAN ACREAGE RECORD HIGH

North Carolina farmers planted a record high acreage of soybeans in 1979. Corn acreage is also showing an increase from a year earlier, while flue-cured tobacco acreage is down. These findings were based on a survey of North Carolina farmers conducted around June 1 by the North Carolina Crop and Livestock Reporting Service.

Soybean acreage planted in the State is estimated at 1,900,000 acres, up 17% from the 1,620,000 acres in 1978.

Acreage planted to corn is estimated at 1,850,000 acres, 5% more than last year, but 8% less than 1977.

Survey results showed flue-cured tobacco acreage down 12% from 1978. Growers plan to harvest 345,000 acres this year. Burley tobacco at 8,500 acres is down 2% from last year.

## MAY EGG PRODUCTION UP

The laying flocks in the Tar Heel State produced an estimated 267 million eggs during May which is 2 percent more than May 1978. The average number of layers on hand during the month was 12.9 million, 4 percent more than the previous year. The rate of lay per 100 layers decreased 2 percent from May last year.

The nation's laying flock produced 5.80 billion eggs during May, 1 percent more than a year ago. The number of layers on hand during the month averaged 282 million compared to 278 million a year earlier.

## PRICES RECEIVED INDEX DOWN

The 'All Farm Products' index of prices received by North Carolina farmers at local markets during June was 211, down 3 points from May but up 13 points from June 1978.

The 'All Crops' index at 213 was up 2 points from the previous month. Oil bearing crops were up 3 points, while grains were up 1 point.

The 'Livestock and Livestock Products' index was down 12 points from last month to 209. This index is most responsible for the overall decline in the index. Meat animals were down 15 points from last month but up 18 points from June 1978. Poultry was down 11 points while dairy dropped 2 points.

(See Table, Page 2)

## STATES' HOG NUMBERS JUMP

The State's inventory of all hogs and pigs on hand June 1, 1979 showed a gain of 16 percent from a year earlier according to a recent survey conducted by the North Carolina Crop and Livestock Reporting Service. The total inventory at 2,360,000 head, was made up of 385,000 head kept for breeding purposes and 1,975,000 head of market hogs. These classes were up 18 and 16 percent respectively from the previous year. The Tar Heel State ranked seventh in hog numbers nationally as of mid-year.

North Carolina producers intend to farrow 140,000 sows during the next 3 months -- June-August -- 17 percent, more than during the same period a year

(See Hog Numbers, Page 5)



## PRICES RECEIVED INDEX DOWN 3 POINTS PRICES PAID INDEX UP 1 POINT

The June Index of Prices Received by Farmers decreased 3 points (1 percent) to 243 percent of its January-December 1967 average. Contributing most to the decrease since May were lower prices for cattle, hogs, broilers, calves, and hay. Higher prices for wheat, corn, soybeans, and oranges were partially offsetting. The index was 26 points (12 percent) above June 1978.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates for June 15 was 249, up 1 point ( $\frac{1}{2}$  percent) from mid-May. Sharply lower prices for feeder livestock were more than offset by higher prices for fuels and energy, tractors and self-propelled machinery, feed and family living items. The June index was 29 points (13 percent) above a year ago.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	June 15 1976	June 15 1977	June 15 1978	May 15 1979	June 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	175	$\frac{3}{183}$	$\frac{3}{198}$	214	211
All Crops.....	168	$\frac{3}{185}$	193	211	213
Tobacco.....	152	169	178	203	203
Oil Bearing.....	203	$\frac{3}{265}$	$\frac{3}{226}$	$\frac{3}{240}$	243
Grains.....	211	$\frac{3}{175}$	$\frac{3}{200}$	$\frac{3}{203}$	204
Commercial Vegetables.....	$\frac{3}{189}$	$\frac{3}{185}$	$\frac{3}{259}$	$\frac{3}{223}$	236
Fruits.....	$\frac{3}{141}$	223	265	257	292
Livestock and Livestock Products.....	$\frac{3}{187}$	$\frac{3}{181}$	$\frac{3}{206}$	$\frac{3}{221}$	209
Meat Animals.....	$\frac{3}{221}$	$\frac{3}{194}$	240	276	258
Poultry.....	179	$\frac{3}{179}$	198	202	191
Dairy.....	161	$\frac{3}{167}$	$\frac{3}{176}$	$\frac{3}{192}$	190
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	$\frac{3}{195}$	184	$\frac{3}{217}$	246	243
Prices Paid, Commodities & Services $\frac{1}{1}$ .	$\frac{3}{193}$	$\frac{3}{204}$	$\frac{3}{220}$	248	249
Parity Ratio $\frac{2}{1}$ .....	$\frac{3}{101}$	$\frac{3}{90}$	$\frac{3}{99}$	99	98

$\frac{1}{1}$  Including Interest, Taxes and Farm Wage Rates.  $\frac{2}{1}$  Ratio of Index of Prices Received by Farmers to Index of Prices Paid.  $\frac{3}{1}$  Revised.

### CROP PRICES UP, LIVESTOCK DOWN, FEED MIXED

Prices received for crops by North Carolina farmers at local markets about mid-June were slightly higher when compared to a month earlier. (See Table, page 3.) Soybeans were up 12 cents per bushel to \$7.47. This represents a 52 cents per bushel gain over the same period last year. Corn increased 1 cent per bushel over last month and oats increased 9 cents per bushel.

Prices received for livestock were mostly lower. Hogs, at \$42.00 per hundredweight were down \$3.10 per hundredweight from May and \$6.20 per hundredweight from June 1978. Beef cattle dropped \$4.50 per hundredweight from May. Veal calves fell \$6.30 per hun-

dredweight to \$91.50. Milk cows were up \$60.00 to \$990.00 per head.

Feed prices paid by the state's farmers during June were slightly higher. (See Table, page 3.) Mixed dairy feed with 16% protein remained the same as last month. Dairy feed with 18% and 20% protein increased \$4.00 per ton, while 32% protein feed increased \$10.00 per ton. Poultry feeds were mixed. Farmers paid one dollar per ton more for chick starter and laying feed in June. Broiler grower dropped \$7.00 per ton and turkey grower was down \$20.00 per ton. Prices paid for cottonseed meal and soybean meal were unchanged from May at \$13.00 and \$13.50 respectively.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		June 15 1978	May 15 1979	June 15 1979*	June 15 1978	May 15 1979	June 15 1979*
		Dollars					
Tobacco.....	Lb.	-	-	-	.980	1.215	-
Corn.....	Bu.	2/ 2.78	2/ 2.81	2.82	2.27	2/ 2.35	2.47
Wheat.....	Bu.	-	-	-	2.80	2/ 3.20	3.73
Oats.....	Bu.	1.22	2/ 1.27	1.36	1.20	1.29	1.38
Barley.....	Bu.	-	-	-	2.20	2/ 2.07	2.29
Sorghum Grains..	Cwt.	-	-	-	3.72	2/ 3.66	3.91
Soybeans.....	Bu.	2/ 6.95	2/ 7.35	7.47	6.52	2/ 7.06	7.38
Cotton.....	Lb.	-	-	-	.543	2/ .555	.581
Wool.....	Lb.	-	-	-	.791	.883	.871
Hogs.....	Cwt.	48.20	45.10	42.00	47.70	43.60	39.70
Beef Cattle.....	Cwt.	41.00	65.90	61.40	51.30	71.50	66.90
Veal Calves.....	Cwt.	56.10	97.80	91.50	59.00	96.70	90.20
Milk Cows.....	Hd.	470.00	930.00	990.00	624.00	1,052.00	1,059.00
Com'l. Broilers..	Lb.	.295	.280	.255	.302	.290	.264
Turkeys.....	Lb.	.400	.430	.410	.408	.422	.400
Eggs 1/.....	Doz.	.560	.645	.648	.436	.567	.556
Milk, Whlse.....	Cwt.	2/ 11.10	2/ 12.30	12.20	10.00	11.50	11.50
Potatoes.....	Cwt.	6.10	-	7.55	5.10	3.33	3.35
Sweet Potatoes..	Cwt.	-	12.10	-	18.80	13.70	19.10
Apples, Com'l...	Lb.	-	-	-	.255	.139	.135
Hay, All.....	Ton	-	-	-	51.20	65.10	58.00
Alfalfa Hay....	Ton	-	-	-	54.00	71.00	62.90
Other.....	Ton	-	-	-	43.00	48.20	45.30

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	June 15 1978	May 15 1979	June 15 1979	June 15 1978	May 15 1979	June 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	130.00	139.00	143.00
14% Protein.....	-	-	-	136.00	150.00	152.00
16% Protein.....	148.00	156.00	156.00	147.00	160.00	164.00
18% Protein.....	150.00	150.00	154.00	147.00	160.00	164.00
20% Protein.....	157.00	164.00	168.00	148.00	163.00	166.00
32% Protein.....	200.00	210.00	220.00	203.00	222.00	227.00
Poultry Feeds						
Chick Starter.....	188.00	191.00	192.00	175.00	186.00	190.00
Broiler Grower.....	183.00	187.00	180.00	171.00	184.00	186.00
Laying Feed 1/.....	163.00	167.00	168.00	155.00	163.00	166.00
Turkey Grower 1/....	192.00	230.00	210.00	184.00	201.00	203.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.90	8.20	7.90	7.34	8.23	8.21
Middlings.....	7.30	7.60	7.30	7.29	8.03	7.98
Corn Meal.....	6.70	6.40	6.60	6.00	6.21	6.36
High Protein Feeds						
Cottonseed Meal 41%.	12.00	13.00	13.00	10.50	11.80	11.80
Soybean Meal 44%....	12.50	13.50	13.50	11.80	12.80	13.10

1/ Complete ration feeds which are fed without further mixing or supplementations.



## MAY SLAUGHTER UP

Commercial slaughter of livestock in North Carolina during May totaled an estimated 51.4 million pounds live weight, up 5 percent from a year earlier.

Cattle slaughter at 8.5 million pounds live weight was down 27 percent or 3.1 million pounds from May last year. Calf slaughter declined 43 percent to 44,000 pounds slaughtered. Hog kill, at 42.8 million pounds live weight jumped 14 percent or 5.4 million pounds, thus offsetting the big decline in cattle and calf slaughter.

The average live weight per head for cattle slaughtered was 987 pounds, up 84 pounds from May last year. The average live weight per head for calves slaughtered increased 9 pounds to 280 from a year earlier. Hog average live weight per head at 224 pounds was down 1 pound from May 1978.

Commercial red meat production in North Carolina in May totaled 35.4 million pounds, up 9 percent from May 1978.

Commercial red meat production for the United States in May 1979 totaled 3.13 billion pounds, down 4 percent from May 1978. Comparing May 1979 with May 1978: Beef production at 1.77 billion pounds was down 15 percent. Head kill at 2.79 million was down 19 percent while average live weight increased 31 pounds to 1,058. Veal production at 33 million pounds was down 37 percent. Calf slaughter at 214 thousand head was down 36 percent, while average live weight increased 2 pounds to 262. Pork production totaled 1.31 billion pounds, up 16 percent. The 7.56 million head killed was up 15 percent, and average live weight increased 2 pounds to 243. Preliminary lard production was 102 million pounds, up 20 percent. Lamb and mutton production declined 4 percent to 25 million pounds. Head kill at 434 thousand was down 7 percent, while average live weight increased 3 pounds to 114.

NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER L/

SPECIES	MAY				JANUARY THROUGH MAY			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
NORTH CAROLINA								
Cattle	12.9	8.6	11,646	8,523	70.2	42.9	62,034	40,636
Calves	.4	.2	102	44	2.5	1.2	644	350
Sheep & Lambs					.3	.1	26	11
Hogs	166.0	191.5	37,412	42,819	811.1	891.6	179,919	200,088
TOTAL	179.3	200.3	49,160	51,385	884.1	935.8	242,623	241,085
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
UNITED STATES								
Cattle	3.4	2.8	3,527	2,955	16.8	14.2	17,306	15,032
Calves	.3	.2	87	56	1.9	1.2	475	303
Sheep & Lambs	.5	.4	52	50	2.3	2.1	253	242
Hogs	6.6	7.6	1,578	1,837	32.4	34.8	7,656	8,355
TOTAL	10.8	11.0	5,244	4,898	53.4	52.3	25,690	23,932

L/ Includes slaughter under Federal Inspection and other commercial slaughter.  
Excludes farm slaughter.



# HOG NUMBERS (Cont'd. From Page 1)

ago. September-November 1979 farrowings are expected to total 140,000, 20 percent above the same period last year.

During the past three month period, March-May 1979, the State's producers farrowed an estimated 144,000 sows, an increase of 25 percent from the comparable period a year earlier. Litters averaged 7.35 pigs compared with 7.20 pigs per litter during March-May 1978. The combination of more sows farrowed and a larger number of pigs per litter saved resulted in a 28 percent increase in the pig crop for the quarter. The December 1978-February 1979 pig crop was up 13 percent from the previous year.

Inventory of hogs and pigs on June 1, 1979 in the U.S. is estimated at 64.9 million head, up 18 percent from last

year and 19 percent above two years ago. Breeding inventory, at 10.4 million, was up 17 percent from 1978 and 19 percent above 1977. Market hogs inventory, at 54.5 million head, was 18 percent above last year and 19 percent above two years ago.

U.S. hog producers intend to farrow 7.4 million sows during the June-November 1979 period. This is an increase of 16 percent from the same 1978 period and 23 percent above 1977. If these intentions are realized along with an average litter rate, a pig crop of 53.4 million would be expected. If these projections are realized, the pig crop would be 17 percent more than the June-November pig crop of 1978.

The December 1978-May 1979 U.S. pig crop was 50.6 million head, 19 percent more than last year.

## HOGS AND PIGS -- JUNE 1, 1979 REPORT: Number On Farms, Sows Farrowing, and Pig Crop, 1978-1979

ITEM	NORTH CAROLINA			UNITED STATES		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousand Head</i>		<i>Percent</i>	<i>Thousand Head</i>		<i>Percent</i>
<b>NUMBER ON FARMS JUNE 1:</b>						
All Hogs and Pigs.....	2,035	2,360	116	55,110	64,890	118
Kept for breeding.....	326	385	118	8,844	10,373	117
Market.....	1,709	1,975	116	46,266	54,517	118
Market Hogs and Pigs						
By Weight Groups:						
Under 60 Pounds.....	709	890	126	20,884	25,127	120
60-119 Pounds.....	410	474	116	11,280	13,157	117
120-179 Pounds.....	359	355	99	7,992	9,182	115
180 Pounds and Over...	231	256	111	6,110	7,051	115
<b>SOWS FARROWING:</b>						
December 1/-February....	115	130	113	2,740	3,184	116
March-May.....	115	144	125	3,275	3,994	122
December 1/-May.....	230	274	119	6,015	7,178	119
June-August.....	120	2/ 140	117	3,158	-	-
September-November.....	117	2/ 140	120	3,217	-	-
June-November.....	237	2/ 280	118	6,375	2/ 7,419	116
<b>PIG CROP:</b>						
December 1/-February....	805	910	113	18,716	21,906	117
March-May.....	828	1,058	128	23,625	28,666	121
December 1/-May.....	1,633	1,968	121	42,341	50,572	119
June-November.....	1,707	-	-	45,840	3/ 53,417	117
<b>PIGS PER LITTER:</b>						
December 1/-February....	7.00	7.00	100	6.83	6.88	101
March-May.....	7.20	7.35	102	7.21	7.18	100
December 1/-May.....	7.10	7.18	101	7.04	7.05	100
June-November.....	7.20	-	-	7.19	3/ 7.20	100

1/ December preceding year. 2/ Intentions. 3/ Average number of pigs per litter with allowance for trend used to compute indicated June-November pig crop.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 37.9 million broiler-type chicks during May 1979. This represents a 7 percent increase over production during the same period last year. Egg-type hatch at 1.7 million eggs was 29 percent above May 1978.

For the U.S., egg-type chicks hatched during May 1979 totaled 55.7

million, up 4 percent from a year ago. Eggs in incubators on June 1, at 46.8 million were 2 percent above a year ago. The May 1979 hatch of broiler-type chicks at 391 million, was 8 percent more than a year ago. The 324 million eggs in incubators on June 1, 1979 were 10 percent above a year earlier.

### CHICKS HATCHED -- MAY

STATE	BROILER-TYPE			EGG-TYPE		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
NORTH CAROLINA	35,444	37,918	107	1,300	1,680	129
South Carolina	3,639	3,838	105	757	861	114
Georgia	50,935	54,847	108	5,232	6,276	120
Florida	8,487	9,278	109	3,970	4,121	104
Delaware	17,216	16,604	96	<i>1/</i>	<i>1/</i>	-
Maryland	20,360	25,059	123	<i>1/</i>	<i>1/</i>	-
Virginia	10,200	12,856	126	720	625	87
UNITED STATES	360,609	391,158	108	53,675	55,704	104

*1/ Not published separately to avoid disclosing individual operations.*

### TURKEY HATCH UP 6 PERCENT

The hatch of 21.8 million turkey poults during May 1979 was 6 percent above a year ago. The hatch of heavy breeds was up 4 percent and light breed hatch was up 51 percent from May 1978.

The 28.6 million turkey eggs in incubators on June 1, 1979 were 5 percent above a year earlier. Eggs set for heavy breed turkeys were up 3 percent

from last year and light breeds were up 66 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 182 thousand, an increase of 58 percent from May 1978. Testing for July through May totaled 2.76 million, an increase of 14 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS JUNE 1			POULTS HATCHED DURING MAY		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	644	530	82	486	352	72
East North Central	3,642	3,663	101	2,691	2,801	104
West North Central	9,815	10,423	106	7,903	8,061	102
South Atlantic	4,527	5,319	117	3,756	4,526	121
South Central	3,017	3,045	101	1,975	1,994	101
West	5,475	5,604	102	3,823	4,053	106
UNITED STATES	27,120	28,584	105	20,634	21,787	106



## LAYERS AND EGG PRODUCTION -- MAY

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
NORTH CAROLINA	12,450	12,900	2,108	2,068	262	267
Virginia	3,553	4,037	2,021	1,931	72	78
South Carolina	5,675	5,820	2,195	2,179	125	127
Georgia	23,350	24,600	2,083	2,133	486	525
Florida	12,076	11,948	2,065	2,114	249	253
UNITED STATES	277,512	281,565	2,061	2,061	5,720	5,803

## CROP ACREAGES: North Carolina and United States, 1977-79

CROP	NORTH CAROLINA			UNITED STATES		
	1977	1978	Indicated 1979	1977	1978	Indicated 1979
	<i>Thousands</i>					
Corn: Planted All Purposes.....	2,000	1,760	1,850	83,568	79,719	79,751
Harvested For Grain.....	1,740	1,600	1,700	70,872	69,970	69,526
Wheat: Planted All Purposes <u>1/</u> ...	235	220	235	75,119	66,094	71,227
Harvested For Grain <u>1/</u> ...	200	180	205	66,461	56,839	47,286
Oats: Planted All Purposes.....	170	185	180	17,733	16,385	14,082
Harvested For Grain.....	75	95	90	13,452	11,531	10,043
Barley: Planted All Purposes...	67	70	70	10,621	9,987	8,060
Harvested For Grain...	55	59	62	9,564	9,233	7,450
Rye: Planted All Purposes.....	130	135	145	2,652	2,985	3,077
Harvested For Grain.....	21	20	20	704	995	936
Sorghums: Planted All Purposes...	110	125	120	16,993	16,483	15,574
Harvested For Grain...	72	86	80	14,092	13,581	13,183
Soybeans: Planted All Purposes...	1,450	1,620	1,900	58,760	64,044	71,654
Harvested For Beans...	1,320	1,550	1,850	57,612	63,003	70,609
Peanuts: Planted All Purposes..	169	169	168	1,545	1,544	1,549
Harvested For Nuts....	166	166	166	1,516	1,512	1,526
Cotton: Planted <u>2/</u> .....	87	45	50	13,695	13,360	13,913
Harvested <u>2/</u> .....	83	42	<u>3/</u>	13,275	12,370	<u>3/</u>
Tobacco: Type 11.....	160	155	137	221	211	192
Type 12.....	177	186	165	177	186	165
Type 13.....	46	49	43	114	120	106
All Flue-Cured.....	383	390	345	512	517	463
Type 31.....	9.6	8.7	8.5	268.6	261.0	249.3
All Types.....	392.6	398.7	353.5	957.5	949.1	870.2
Hay: All Harvested.....	350	360	355	60,658	61,495	60,860
Alfalfa.....	16	17	17	27,075	27,707	27,259
All Other.....	334	343	338	33,583	33,788	33,601
Sweet Potatoes: Planted.....	34.0	38.0	40.0	117.3	124.3	125.7
Harvested.....	33.0	37.0	39.0	112.4	120.6	122.2
Irish Potatoes <u>4/</u> : Planted.....	4.2	4.2	4.3	118.7	114.9	111.2
Harvested...	4.0	4.0	4.1	115.2	111.9	108.3

1/ U. S. includes Winter, Durum and Other Spring. 2/ U. S. acreages include American-Pima. 3/ 1979 estimates to be released August 10, 1979. 4/ Summer Crop.



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JUL 23 1979

Semi-Monthly

## JULY GENERAL CONDITION

North Carolina farmers welcomed the rain received during the month of June, but indicated a need for warmer temperatures to push crop development. Some record low temperature readings for the season were recorded a few days before the end of the month. Precipitation in the form of showers and isolated thundershowers was heaviest the first week of June. Blue mold caused concern among tobacco growers from the excessive rainfall as bottom leaves turned yellow and growth appeared stunted. A few early planted fields of the flue-cured crop were being harvested by July 1, on schedule.

The independent truckers strike, as a protest of high fuel cost, resulted in a slow down of some produce getting to major marketing terminals. Some Tar Heel farmers with cucumber acreage had to plow their fields under due to the strike. Fuel supplies for farm use in the state on July 1 have remained mostly adequate. Diesel fuel supplies are running 29% tight and 71% adequate. Gasoline supplies are 30% tight and 70% adequate while L.P. gas were reported as 11% tight, 84% adequate and 5% surplus.

Farmers in the state have been busy topping and suckering tobacco, digging potatoes, applying landplaster to peanuts, cutting hay and harvesting small grains during much of June. The State's corn crop is reportedly 40% silked. Planting of another record high soybean acreage is nearing completion with 94% of the crop planted on July 1. Sweet potato transplanting is virtually complete and prospects are considered fair to mostly good. Apples and peaches are in mostly good condition with peach harvest about 18% complete. Most seasonal vegetables are in generous supply across the State.

## FLUE-CURED CROP DOWN SHARPLY

Based on conditions around July 1, flue-cured tobacco is forecast at 692 million pounds, down 136 million pounds or 16% from the 1978 crop. About 345,000 acres will be harvested this season which is down 12% or 45,000 acres. Yield per acre is forecast at 2,007 pounds. This is down 5% or 117 pounds. Forecasted production by areas compared with previous year are as follows: Type 11 (Old and Middle Belts) 253 million pounds down from 301 million pounds; Type 12 (Eastern Belt) 347 million pounds, down from 419 million pounds; Type 13 (Border Belt) 92 million pounds, down from 108 million pounds. Type 13 harvest was well underway on July 1, on schedule.

U.S. flue-cured production is forecast at 1.0 billion pounds, down 15% from the output of 1.23 billion pounds in 1978. The July 1 indicated yield of 1,980 pounds compares with 2,090 pounds last year. Acreage for harvest is expected to total 527 thousand acres, down 11% from the acreage harvested a year earlier.

## N. C. CORN CROP LARGER

As of July 1, corn for grain production in North Carolina is forecast at nearly 133 million bushels. This is 9% more than last year's crop. Corn acreage for grain harvest is estimated at 1.7 million acres, 6% more than 1978. The yield forecast of 78 bushels per acre is up 2 bushels from last year.

U. S. corn for grain production forecast at 6.7 billion bushels, is down 6% from the 1978 record high crop. Conditions on July 1 indicated an average yield of 95.8 bushels per acre compared with 101.2 bushels last year. Corn acreage for grain harvest is estimated at 69.5 million acres, up 1% from a year earlier.



## N. C. APPLE CROP LARGER

North Carolina apple production is forecast at a record high 350 million pounds. This is up 8% from the previous year's crop of 324 million pounds. The quantity and quality of the 1979 crop appears to be excellent throughout the state.

The Nation's apple production is forecast at 7.7 billion pounds, which is 1% above a year ago and a 16% increase over the 1977 crop.

## PEACH CROP LARGER IN 1979

Peach production in North Carolina this year is forecast at 48 million pounds, unchanged from the June 1 forecast. This year's production is 7% higher than a year ago. Harvest progress this season has been normal.

The Nation's 1979 peach crop is now forecast at 2.92 billion pounds, 8% above last season's total of 2.70 billion pounds but 2% below the 1977 crop.

## RYE PRODUCTION INCREASES

Farmers in North Carolina expect to produce 480,000 bushels of rye this year, an increase of 4% from 1978. The number of acres for harvest is estimated at 20,000, the same as a year ago. The yield forecast of 24 bushels per acre equals the record set in 1970.

Production of rye in the U. S. is forecast at 23.6 million bushels, a decrease of 10% from 1978. The number of acres for harvest is estimated at 936,000 compared with 995,000 the previous year. The yield forecast of 25.3 bushels per acre is a decrease of 4% from last year.

## PEACH PRODUCTION

STATE	1977	1978	Indicated July 1, 1979
<i>Million Pounds</i>			
N. C.	35.0	45.0	48.0
S. C.	275.0	315.0	340.0
Ga.	90.0	120.0	135.0
Ala.	10.0	15.0	14.0
Miss.	4.0	4.0	4.0
Ark.	40.0	37.0	40.0
La.	6.5	6.5	6.5
Okla.	10.0	8.5	10.0
Texas	48.0	40.0	36.0
Total 9 States	518.5	591.0	633.5
U. S.	2,983.0	2,701.0	2,915.3

## FLUE-CURED TOBACCO, BY TYPE, JULY 1, 1979

STATE	TYPE	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indi- cated 1979	1977	1978	Indi- cated 1979	1977	1978	Indi- cated 1979
		<i>Thousands</i>			<i>Pounds</i>			<i>Thousand Pounds</i>		
Virginia	11	61.0	56.0	55.0	1,795	1,850	1,800	109,495	103,600	99,000
N. C.	11	160.0	155.0	137.0	1,770	1,940	1,850	283,200	300,700	253,450
N. C.	12	177.0	186.0	165.0	1,955	2,255	2,100	346,035	419,430	346,500
N. C.	13	46.0	49.0	43.0	1,995	2,210	2,150	91,770	108,290	92,450
N.C. Total	11-13	383.0	390.0	345.0	1,883	2,124	2,007	721,005	828,420	692,400
S. C.	13	68.0	71.0	63.0	2,040	2,120	2,100	138,720	150,520	132,300
Georgia	14	65.0	61.0	53.0	2,075	2,060	1,850	134,875	125,660	98,050
Florida	14	11.7	10.5	10.5	2,100	2,100	2,000	24,570	22,050	21,000
Alabama	14	.6	.5	.5	1,900	1,870	1,850	1,045	972	970
U.S. TOTAL	11-14	589.3	589.0	527.0	1,917	2,090	1,980	1,129,710	1,231,222	1,043,720



## SMALLER OATS CROP IN N. C.

Production of oats in North Carolina is forecast at nearly 5.0 million bushels. This is down about 5% from the previous year's production of 5.2 million bushels. The number of acres for harvest is estimated at 90,000, compared with 95,000 the previous year. The yield forecast of 55 bushels per acre is unchanged from last year.

Oats production in the U. S. is forecast at 510 million bushels, 15% less than the 1978 crop. The number of acres for harvest is estimated at 10 million compared with 11.5 million the previous year. The yield forecast of 50.8 bushels per acre is down 3% from last year.

## SUMMER IRISH POTATOES UP

The first forecast of Summer Irish potato production in North Carolina for 1979 has been set at 513,000 cwt., up 3% from last year's production. The number of acres for harvest is estimated at 4,100, up 100 acres or 3% from last year. Yield per acre has remained constant at 125 cwt. for 1979, the same since 1976.

The Summer Irish potato production forecast for the U. S. is placed at 21.4 million cwt., up 1% from the 21.2 million cwt. produced in 1978. The 1979 crop is expected to be harvested from 108 thousand acres, down 3% from 1978. The average yield per acre is forecast at 197 cwt. compared with 189 cwt. in 1978.

## N. C. BARLEY CROP LARGER

North Carolina barley production is forecast at almost 3.2 million bushels from 62,000 acres. This compares with the 1978 production of 3.0 million bushels from 59,000 acres. This year's production is up 5% due to the increased acreage while average yield at 51 bushels per acre remained stable from 1978.

U. S. barley production is fore-

cast at 345 million bushels, down 23% from a year ago. The decrease in this year's crop is a result of reduced yields and fewer acres harvested for grain. Acreage harvested for grain is estimated at 7.5 million compared with 9.2 million a year earlier. Yields averaged 46.3 bushels per acre, down 4% from a year ago.

## WHEAT PRODUCTION LARGER

Production of Winter wheat in North Carolina is forecast at 7.2 million bushels, up 21% from the 5.9 million bushels produced in 1978. The number of acres for harvest is estimated at 205,000, up 14% or 25,000 acres from a year ago. The yield forecast at 35 bushels per acre is up 2 bushels from 1978.

U. S. production of Winter wheat is forecast at 1.7 billion bushels, an increase of 25% from the 1.2 billion bushels produced in 1978. The number of acres for harvest is estimated at 43.4 million, an increase of 10% or 4.5 million acres from a year ago. The yield forecast at 35.9 bushels per acre is up 3.8 bushels from 1978.

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# NORTH CAROLINA: Estimated Acreage, Yield and Production Of Crops, July 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands			Thousands			Thousands		
Corn for Grain.....	Bu.	1,740	1,600	1,700	51.0	76.0	78.0	88,740	121,600	132,600
Wheat, Winter.....	Bu.	200	180	205	30.0	33.0	35.0	6,000	5,940	7,175
Oats.....	Bu.	75	95	90	42.0	55.0	55.0	3,150	5,225	4,950
Barley.....	Bu.	55	59	62	40.0	51.0	51.0	2,200	3,009	3,162
Rye.....	Bu.	21	20	20	19.0	23.0	24.0	399	460	480
Tobacco: Flue-Cured.....	Lb.	383.0	390.0	345.0	1,883	2,124	2,007	721,005	828,420	692,400
Burley.....	Lb.	9.6	8.7	8.5	2,450	2,415	2,007	23,520	21,011	2,007
All Types.....	Lb.	392.6	398.7	353.5	1,896	2,131	2,007	744,525	849,431	692,400
Cotton <u>2</u> /.....	Lb.	83	42	<u>1</u> /	305	515	<u>1</u> /	53	45	<u>1</u> /
Sorghum for Grain.....	Bu.	72	86	80	37.0	52.0	<u>1</u> /	2,664	4,772	<u>1</u> /
Irish Potatoes: Spring..	Cwt.	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Summer..	Cwt.	4.0	4.0	4.1	125	125	125	500	500	513
All.....	Cwt.	17.4	17.0	17.8	156	144	156	2,711	2,450	2,774
Sweet Potatoes.....	Cwt.	33.0	37.0	39.0	135	140	<u>1</u> /	4,455	5,180	<u>1</u> /
Soybeans for Beans.....	Bu.	1,320	1,550	1,850	22.0	24.0	<u>1</u> /	29,040	37,200	<u>1</u> /
Peanuts for Nuts.....	Lb.	166	166	166	2,675	2,825	<u>1</u> /	444,050	468,950	<u>1</u> /
Hay: Alfalfa & Mixtures.	Ton	16	17	17	2.30	2.70	<u>1</u> /	37	46	<u>1</u> /
All Other.....	Ton	334	343	338	1.45	1.65	<u>1</u> /	484	566	<u>1</u> /
All Kinds.....	Ton	350	360	355	1.49	1.70	<u>1</u> /	521	612	<u>1</u> /
Pasture Condition <u>3</u> /....	%	78	86	92	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	35,000	45,000	48,000
Apples, Commercial.....	Lb.	-	-	-	-	-	-	270,000	324,000	350,000

1/ First estimate August 10, 1979. 2/ Production in 480 lb. NWB. 3/ Data shown for pastures represent condition on July 1.



# UNITED STATES: Estimated Acreage, Yield and Production Of Crops, July 1, 1979, With Comparisons

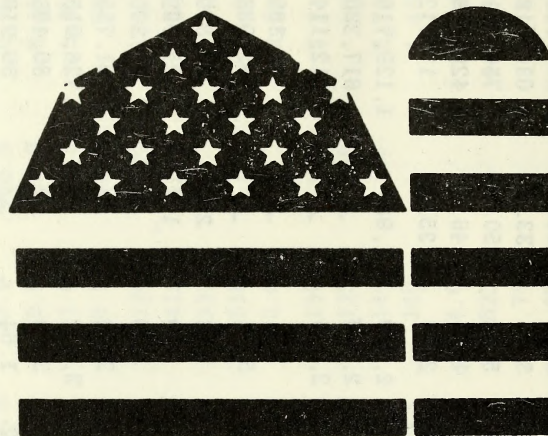
CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands								
Corn for Grain.....	Bu.	70,872	69,070	69,526	90.7	101.2	95.8	6,425,457	7,081,849	6,662,681
Wheat, Winter.....	Bu.	48,664	38,909	43,421	31.6	32.1	35.9	1,537,113	1,248,272	1,560,768
Wheat, All.....	Bu.	66,461	56,839	62,252	30.6	31.6	33.8	2,036,318	1,798,712	2,101,177
Oats.....	Bu.	13,452	11,531	10,043	55.8	52.2	50.8	750,901	601,477	509,761
Barley.....	Bu.	9,564	9,233	7,450	43.9	48.4	46.3	420,159	447,008	345,115
Rye.....	Bu.	704	995	936	24.6	26.3	25.3	17,312	26,160	23,638
Tobacco: Flue-cured.....	Lb.	589.3	589.0	527.0	1,917	2,090	1,980	1,129,710	1,231,222	1,043,721
Burley.....	Lb.	268.6	261.0	249.3	2,298	2,399	1/	617,280	626,263	1/
All Types.....	Lb.	957.5	949.1	870.2	1,997	2,135	1/	1,912,114	2,026,124	1/
Cotton 2/.....	Lb.	13,275	12,370	1/	520	421	1/	14,389	10,856	1/
Sorghum for Grain.....	Bu.	14,092	13,581	13,183	56.3	55.1	1/	792,983	748,410	1/
Irish Potatoes: Spring..	Cwt.	91.4	90.9	89.4	250	198	258	22,870	17,963	23,060
Summer..	Cwt.	115.2	111.9	108.3	191	189	197	21,982	21,167	21,375
Sweet Potatoes.....	Cwt.	112.4	120.6	122.2	110	119	1/	12,395	14,301	1/
Soybeans for Beans.....	Bu.	57,612	63,003	70,609	30.6	29.2	1/	1,761,755	1,842,647	1/
Peanuts for Nuts.....	Lb.	1,516	1,512	1,526	2,457	2,639	1/	3,726,015	3,988,624	1/
Hay: Alfalfa & Mixtures.	Ton	27,075	27,707	27,259	2.97	3.13	1/	80,403	86,745	1/
All Other.....	Ton	33,583	33,788	33,601	1.52	1.64	1/	50,910	55,519	1/
All Kinds.....	Ton	60,658	61,495	60,860	2.16	2.31	1/	131,313	142,264	1/
Pasture Condition 3/....	%	68	85	86	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	2,983,000	2,701,000	2,915,300
Apples, Commercial.....	Lb.	-	-	-	-	-	-	6,672,600	7,633,400	7,724,500

1/ First estimate August 10, 1979. 2/ U. S. includes American-Pima. Production in 480-lb. NWB. 3/ Date shown for pastures represent condition on July 1.



# FARMERS' NEWSLINE

TOLL-FREE 800-424-7964



July 20, 21, 22	- Cattle on Feed Analysis	August 13	- Crop Supply & Demand
July 23	- Red Meat Production	August 14	- Cattle on Feed
July 24	- Wheat Situation	August 15	- Cattle on Feed Analysis
July 25	- Cattle Inventory	August 16	- Apples
July 26	- Cattle Inventory Analysis	August 17, 18, 19	- Exports
July 27, 28, 29	- Agricultural Outlook	August 20	- Red Meat Production
July 30	- Vegetable Situation	August 21	- Crops & Weather
July 31	- Farmers' Prices	August 22	- Eggs, Chickens & Turkeys
August 1	- Crops & Weather	August 23	- Farm Labor
August 2	- Wheat Situation	August 24, 25, 26	- Feed Grain Situation
August 3, 4, 5	- Agricultural Outlook	August 27	- Agricultural Outlook
August 6	- Livestock Situation	August 28	- Poultry & Egg Situation
August 7	- Retail Meat Prices	August 29	- Cotton & Wool Situation
August 8	- Vegetable Prospects	August 30	- Fruit Situation
August 9	- Retail Vegetable Prices	August 31	
August 10, 11, 12	- Crop Prospects	Sept. 1, 2, 3	- Farmers' Prices



## N. C. VEGETABLE ACREAGE, 1977-1979

CROPS	1977		1978		1979 <sup>1/</sup>	
	Planted	Harvested	Planted	Harvested	Planted	Harvested
Acres						
<b>FRESH MARKET</b>						
Snap Beans: All.....	7,130	6,700	7,190	6,640	<u>2/</u>	<u>2/</u>
Spring..	3,000	2,700	2,900	2,600	2,900	2,700
Summer..	3,800	3,700	3,900	3,700	3,900	3,700
Fall....	330	300	390	340	<u>2/</u>	<u>2/</u>
Cabbage: All.....	8,600	7,000	7,800	6,500	<u>2/</u>	<u>2/</u>
Spring.....	2,700	2,200	2,400	1,900	2,500	2,300
Summer.....	3,500	2,600	3,000	2,900	2,900	2,800
Fall.....	2,400	2,200	2,400	1,700	<u>2/</u>	<u>2/</u>
Sweet Corn.....	5,600	4,900	5,100	4,700	5,400	5,100
Cucumbers.....	8,400	6,800	9,000	8,500	9,200	8,200
Green Peppers.....	8,000	7,000	7,000	6,700	7,200	6,700
Tomatoes.....	2,300	2,000	2,200	2,000	1,800	1,700
Watermelons.....	8,900	7,000	8,400	7,400	9,200	7,900
<b>PROCESSING</b>						
Snap Beans.....	1,500	1,400	1,700	1,500	2,100	<u>2/</u>
Cabbage.....	60	60	90	50	2,400	<u>2/</u>
Cucumbers.....	28,100	28,000	30,700	29,500	25,800	<u>2/</u>
Tomatoes.....	120	100	120	100	270	<u>2/</u>

<sup>1/</sup> Preliminary. <sup>2/</sup> Not Available.

## JUNE MILK PRODUCTION UNCHANGED

Milk production in North Carolina during June was estimated at 130 million pounds, up 2 percent from a year earlier. The number of milk cows on Tar Heel farms was estimated at 141,000 head, 1,000 less than June 1978. However, the average milk production per cow at 920 pounds was up 20 pounds from June a year

earlier.

May milk production in the U. S. totaled 11.0 billion pounds, up 1 percent from June 1978. Production per cow averaged 1,023 pounds, 19 pounds above a year earlier. Total milk cows averaged 10.7 million head for June, down 1 percent from last year.

## MILK COWS AND MILK PRODUCTION--JUNE

STATE	Milk Cows On Farms <sup>1/</sup>		Milk Per Cow		Milk Production		
					Pounds		1979 As Percent Of 1978
	1978	1979	1978	1979	1978	1979	
	Thousands		Pounds		Millions		Percent
N. CAROLINA...	142	141	900	920	128	130	102
Maryland.....	134	129	970	975	130	126	97
Virginia.....	171	168	945	970	162	163	101
Georgia.....	129	127	760	785	98	100	102
Florida.....	194	190	835	875	162	166	102
U. S. ....	10,808	10,735	1,004	1,023	10,851	10,982	101

<sup>1/</sup> Includes dry cows. Excludes heifers not yet fresh.



CROPS		1977		1978		1979	
		Planted	Harvested	Planted	Harvested	Planted	Harvested
FARMERS' NEWSLINE							
FRESH MARKET							
Snap Beans: All.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Spring.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Summer.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Fall.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Cabbage: All.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Spring.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Summer.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Fall.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Sweet Corn.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Cucumbers.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Green Peppers.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Tomatoes.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Watermelons.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
PROCESSING							
Snap Beans.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Cabbage.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Cucumbers.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Tomatoes.....	3,000	3,000	3,000	3,000	3,000	3,000	3,000

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U.S. Department of Agriculture / N.C. Department of Agriculture

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# NORTH CAROLINA FARM REPORT



NORTH CAROLINA  
Crop & Livestock  
Reporting Service

AUG 17 1979

P.O. Box 27767  
1 West Edenton Street  
Raleigh, N. C. 27611  
Phone (919) 755-4394

Released: August 13, 1979  
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Semi-Monthly

## PRICES RECEIVED INDEX DOWN

The "All Farm Products" index of prices received by North Carolina farmers at local markets during July was 206, down 8 points from July 1978.

The "All Crops Index" at 208 was down 8 points from the previous month. Oil bearing crops were unchanged, while grains were up 6 points.

The "Livestock and Livestock Products" index was down 8 points from last month to 202. This index is most responsible for the overall decline in the index. Meat animals were down 5 points from last month. Poultry was down 12 points while dairy remained unchanged.

(See Table, page 2)

## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 36.9 million broiler-type chicks during June 1979. This represents an 8 percent increase over production during the same period last year. Egg-type hatch at .8 million eggs was 34 percent below June 1978.

For the Nation, egg-type chicks hatched during June 1979 totaled 47.3 million, up 4 percent from a year ago. Eggs in incubators on July 1, 1979 totaled 39.6 million, 12 percent above last year. Chickens in egg-type breeder flocks tested for pullorum-typhoid during June totaled 236 thousand, down 7 percent from June 1978. The number in flocks tested January through June was 1.90 million, down 2 percent from the same period a year earlier.

## CATTLE AND CALVES INVENTORY DOWN 3 PERCENT

All cattle and calves on hand in the United States on July 1, 1979 are estimated at 118 million head, 3 percent below July 1 a year ago and 9 percent below July 1, 1977. This is the fourth consecutive year of herd reduction for July 1 estimates in the current cattle cycle.

All cows and heifers that have calved, at 47.7 million head, are down 2 percent from a year ago and 9 percent below July 1, 1977.

Other classes on July 1 and the change from one and two years earlier, respectively, are as follows: Beef cows, 37.0 million, down 2 percent from 1978 and 10 percent from 1977. All heifers 500 pounds and over, 17.6 million, down 2 percent and 4 percent. Beef replacement heifers, 5.78 million, up 8 percent from 1978 but below July 1, 1977 by 1 percent. Milk replacement heifers, 4.12 million, up 4 percent and 3 percent. Other heifers, 7.75 million, down 12 percent and 9 percent. Steers weighing 500 pounds and over, 16.9 million, down 6 percent and 10 percent. Bulls weighing 500 pounds and over, 2.46 million, virtually unchanged from 1978, but down 9 percent from July 1, 1977. Heifers, steers, and bulls under 500 pounds, 33.8 million, down 3 percent and 12 percent.

The 1979 calf crop is expected to be 43.5 million head, 1 percent less than the 43.8 million born in 1978 and the lowest estimate since 1963. This will be the fifth consecutive year for

(See Cattle and Calves, page 2)



## CROP, FEED PRICES UP, LIVESTOCK DOWN

Prices received for crops by North Carolina farmers at local markets about mid-July were higher when compared to a month earlier. (See table, page 3.) Corn prices were up 8 cents per bushel to \$3.11. Oats at \$1.28 per bushel was up 7 cents per bushel, while soybeans dropped 4 cents per bushel to \$7.75.

Prices received for livestock were lower than a month earlier. Hogs at \$41.40 per hundredweight were down 60 cents per hundredweight from June and \$4.90 below July a year earlier. Beef cattle dropped to \$59.80 per hundredweight and veal calves fell to \$89.50 per hundredweight. Milk cows for dairy

herd replacement were up \$30.00 to \$1,020 per head.

Feed prices paid to the state's farmers during July were higher than a month earlier. (See table, page 3.) Mixed dairy feed with 16% protein, 18% protein, 20% protein and 32% protein increased \$6, \$10, \$12 and \$5 per ton respectively. Poultry feeds showed similar increases with chick starter up \$18.00 per ton. Broiler grower was up \$18.00 per ton and laying feed was up \$16.00 per ton. Turkey grower increased \$5.00 per ton. The high protein feeds, cottonseed meal (41% protein) and soybean meal (44% protein) were up 80 cents per hundredweight each.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	July 15 1976	July 15 1977	July 15 1978	June 15 1979	July 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	173	3/ 160	3/ 198	3/ 214	206
All Crops.....	3/ 164	3/ 145	3/ 188	3/ 216	208
Tobacco.....	141	125	177	203	194
Oil Bearing.....	225	3/ 211	3/ 218	3/ 249	3/ 249
Grains.....	217	3/ 152	3/ 178	3/ 218	224
Commercial Vegetables.....	3/ 179	3/ 194	3/ 234	3/ 254	220
Fruits.....	3/ 200	182	265	293	273
Livestock and Livestock Products.....	3/ 188	187	3/ 215	3/ 210	202
Meat Animals.....	216	3/ 199	235	258	253
Poultry.....	182	188	217	191	179
Dairy.....	3/ 162	3/ 167	3/ 176	3/ 195	195
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	3/ 195	180	216	3/ 244	246
Prices Paid, Commodities & Services 1/.	3/ 193	203	220	249	251
Parity Ratio 2/.....	3/ 101	89	98	98	98

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### CATTLE AND CALVES *(Cont'd. from page 1)*

a decline in the calf crop since the record high of 50.9 million in 1974. However, the rate of decline from 1978 to 1979 is lower than any of the previous four years.

The calves born during the first

6 months of 1979 are estimated at 29.9 million, 96 percent of a year ago.

Deaths of cattle and calves during January-June 1979 were 3 percent less than a year ago, but varied considerably by regions.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		July 15 1978	June 15 1979	July 15 1979*	July 15 1978	June 15 1979	July 15 1979*
		Dollars					
Tobacco.....	Lb.	1.163	-	1.250	1.330	-	1.279
Corn.....	Bu.	2.47	3.03	3.11	2.16	2.49	2.73
Wheat.....	Bu.	-	-	-	2.81	3.72	3.95
Oats.....	Bu.	<u>2/</u> 1.33	<u>2/</u> 1.21	1.28	1.08	1.35	1.38
Barley.....	Bu.	-	-	-	1.83	2.30	2.31
Sorghum Grains..	Cwt.	-	-	-	3.50	4.30	4.69
Soybeans.....	Bu.	<u>2/</u> 6.57	<u>2/</u> 7.79	7.75	6.40	7.36	7.38
Cotton.....	Lb.	-	-	-	.565	.588	.598
Wool.....	Lb.	-	-	-	.748	.871	.837
Hogs.....	Cwt.	46.30	42.00	41.40	45.40	39.70	37.90
Beef Cattle.....	Cwt.	41.50	61.40	59.80	50.10	66.90	65.60
Veal Calves.....	Cwt.	56.70	91.50	89.50	60.10	90.20	90.00
Milk Cows.....	Hd.	510.00	990.00	1,020.00	636.00	1,059.00	1,074.00
Com'l. Broilers..	Lb.	.335	.255	.240	.316	.264	.255
Turkeys.....	Lb.	.420	.410	.380	.420	.400	.383
Eggs <u>1/</u> .....	Doz.	.593	.648	.604	.496	.556	.534
Milk, Whlse.....	Cwt.	11.30	12.50	12.50	10.10	11.50	11.60
Potatoes.....	Cwt.	5.40	7.55	4.50	6.63	3.35	4.57
Sweet Potatoes..	Cwt.	-	-	-	18.40	19.10	16.80
Apples, Com'l... Hay, All.....	Lb.	-	-	-	.228	.135	.149
Alfalfa Hay....	Ton	-	-	-	49.20	58.00	56.30
Other.....	Ton	-	-	-	52.00	62.90	60.80
	Ton	-	-	-	42.60	45.30	46.00

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \*Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	July 15 1978	June 15 1979	July 15 1979	July 15 1978	June 15 1979	July 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed						
14% Protein.....	-	-	-	131.00	143.00	151.00
16% Protein.....	148.00	156.00	162.00	139.00	152.00	162.00
18% Protein.....	144.00	154.00	164.00	149.00	164.00	175.00
20% Protein.....	152.00	168.00	180.00	149.00	166.00	177.00
32% Protein.....	196.00	220.00	225.00	204.00	227.00	241.00
Poultry Feeds						
Chick Starter.....	184.00	192.00	210.00	178.00	190.00	204.00
Broiler Grower....	179.00	180.00	198.00	170.00	186.00	199.00
Laying Feed <u>1/</u> .....	162.00	168.00	184.00	155.00	166.00	177.00
Turkey Grower <u>1/</u> ...	192.00	210.00	215.00	186.00	203.00	214.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.70	7.90	8.40	7.26	8.21	8.57
Middlings.....	7.30	7.30	7.80	7.06	7.98	8.39
Corn Meal.....	6.60	6.60	6.90	6.10	6.36	6.88
High Protein Feeds						
Cottonseed Meal 41%	13.00	13.00	13.50	10.60	11.80	12.30
Soybean Meal 44%...	12.50	13.50	14.00	11.90	13.10	14.00

1/ Complete ration feeds which are fed without further mixing or supplementations.



## JUNE SLAUGHTER UP

Commercial slaughter of livestock in North Carolina during June totaled an estimated 46.4 million pounds live weight, virtually unchanged from a year earlier.

Cattle slaughter at 6.6 million pounds live weight was down 38 percent or 4.1 million pounds from June last year. Calf slaughter declined 77 percent to 29,000 pounds slaughtered. Hog kill, at 39.7 million pounds live weight jumped 11 percent or 3.9 million pounds thus offsetting the big decline in cattle and calf slaughter.

The average live weight per head for cattle slaughtered was 977 pounds, up 70 pounds from June last year. The average live weight per head for calves slaughtered decreased 15 pounds to 258 from a year earlier. Hog average live weight per head at 222 pounds was down 2 pounds from June 1978.

Commercial red meat production in North Carolina in May totaled 31.9 million pounds, up 3 percent from June 1978.

Commercial red meat production for the United States in June 1979 totaled 2.99 billion pounds, down 3 percent from June 1978. January--June red meat production at 18.8 billion pounds was 5 percent below last year.

Comparing June 1979 with June 1978: Beef production at 1.72 billion pounds was down 12 percent. Head kill at 2.71 million was down 17 percent, while average live weight increased 31 pounds to 1,057. Veal production at 32 million pounds was down 32 percent. Calf slaughter at 193 thousand head was down 39 percent, while average live weight increased 26 pounds to 276. Pork production totaled 1.21 billion pounds, up 16 percent. The 6.94 million head killed was up 15 percent, and average live weight increased 2 pounds to 246. Preliminary lard production was 94 million pounds, up 16 percent. Lamb and mutton production declined 16 percent to 21 million pounds. Head kill at 385 thousand was down 16 percent, while average live weight increased 1 pound to 112.

NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER 1/

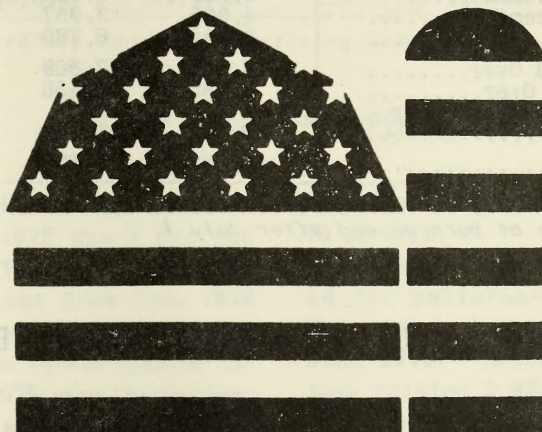
SPECIES	JUNE				JANUARY THROUGH JUNE			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	11.8	6.8	10,676	6,622	82.0	49.7	72,711	47,258
Calves	.5	.1	127	29	2.9	1.3	771	379
Sheep & Lambs	.1	.1	12	5	.4	.2	38	16
Hogs	159.8	179.0	35,776	39,724	970.9	1,070.6	215,696	239,812
TOTAL	172.2	186.0	46,591	46,380	1,056.2	1,121.8	289,216	287,465
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.3	2.7	3,345	2,870	20.1	16.9	20,651	17,902
Calves	.3	.2	79	53	2.3	1.4	555	356
Sheep & Lambs	.5	.4	51	43	2.7	2.5	303	285
Hogs	6.0	6.9	1,468	1,705	38.4	41.8	9,124	10,060
TOTAL	10.1	10.2	4,943	4,671	63.5	62.6	30,633	28,603

1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter.



# FARMERS' NEWSLINE

TOLL-FREE 800-424-7964



August 10, 11, 12	- Crop Prospects	September 5	- Poultry Situation
August 13	- Crop Analysis	September 6	- Agricultural Outlook
August 14	- Cattle on Feed	September 7, 8, 9	- Farm News Special
August 15	- Cattle on Feed Analysis	September 10	- Fruit Situation
August 16	- Apples	September 11	- Crops & Weather
August 17, 18, 19	- Exports	September 12	- Crop Prospects
August 20	- Red Meat Production	September 13	- Crop Analysis
August 21	- Crops & Weather	September 14, 15, 16	- Cattle on Feed
August 22	- Eggs, Chickens & Turkeys	September 17	- Cattle on Feed Analysis
August 23	- Farm Labor	September 18	- Tobacco Situation
August 24, 25, 26	- Feed Grain Situation	September 19	- World Agriculture
August 27	- Agricultural Outlook	September 20	- Soybean Stocks
August 28	- Poultry & Egg Situation	September 21, 22, 23	- Hogs & Pigs Report
August 29	- Cotton & Wool Situation	September 24	- Hogs & Pigs Analysis
August 30	- Fruit Situation	September 25	- Crops & Weather
August 31		September 26	- Red Meat Production
September 1, 2, 3	- Farmers' Prices	September 27	- Farm News Special
September 4	- Feed Situation	September 28, 29, 30	- Farmers' Prices



**CATTLE AND CALVES: Number By Class and Calf Crop,  
United States, July 1, 1977-79**

CLASS	1977	1978	1979	1979 As % Of 1978 <sup>1</sup>
	<i>Thousand Head</i>			<i>Percent</i>
Cattle and Calves.....	130,195	121,695	118,487	97
Cows and Heifers That Have Calved.	52,171	48,477	47,733	98
Beef Cows.....	41,194	37,654	36,997	98
Milk Cows.....	10,977	10,823	10,736	99
Heifers 500 Pounds and Over.....	18,356	18,086	17,646	98
For Beef Cow Replacement.....	5,839	5,369	5,778	108
For Milk Cow Replacement.....	4,005	3,957	4,117	104
Other Heifers.....	8,512	8,760	7,751	88
Steers 500 Pounds and Over.....	18,652	17,869	16,860	94
Bulls 500 Pounds and Over.....	2,685	2,458	2,455	100
Heifers, Steers, and Bulls Under 500 Pounds.....	38,331	34,805	33,793	97
Calf Crop <u>1</u> /.....	46,088	43,839	43,458	99

1/ For 1979, the calf crop is the number of calves born before July 1 plus the number expected to be born on and after July 1.

**PRODUCTION OF FROZEN DAIRY PRODUCTS DOWN**

Production of frozen dairy products (ice cream, sherbet, milk and ice milk) in North Carolina totaled 39,034,000 gallons in 1978, virtually the same as the 39,005,000 produced during 1977.

Cottage cheese curd was up 119,000 pounds to 4,479,000 in 1978. Creamed cottage cheese production increased 572,000 pounds to 6,297,000 pounds in 1978.

**PRODUCTION OF MANUFACTURED DAIRY PRODUCTS  
NORTH CAROLINA AND UNITED STATES**

YEAR	Ice Cream	Sherbet Milk	Ice Milk	Water Ices	Ice Cream Mix	All Other Mix <u>1</u> /	Cottage Cheese Curd	Cottage Cheese Creamed <u>2</u> /
	Thousand Gallons					Thousand Pounds		
NORTH CAROLINA								
1973	23,207	1,451	9,278	2,154	9,057	5,977	8,129	11,548
1974	24,335	1,366	11,523	1,591	9,519	7,489	4,045	5,505
1975	27,582	1,494	9,952	2,428	13,529	7,114	3,660	6,361
1976	27,966	1,486	8,525	2,422	13,442	6,218	4,370	6,166
1977	26,563	1,780	10,662	1,485	13,374	7,572	4,360	5,725
1978 <u>3</u> /	26,341	1,792	10,901	1,467	13,493	7,867	4,479	6,297
UNITED STATES								
1973	773,674	53,231	291,698	41,668	397,986	215,536	763,016	1,086,222
1974	781,971	49,932	296,100	42,771	403,216	216,250	689,660	855,682
1975	836,552	48,542	298,789	38,230	431,190	217,108	700,975	990,985
1976	818,241	49,589	286,176	38,001	420,159	211,406	711,141	1,009,969
1977	809,849	49,783	307,949	37,264	412,350	222,948	684,481	877,978
1978 <u>3</u> /	815,099	48,034	307,245	33,772	418,025	222,284	688,399	872,294

1/ Includes ice milk and milk sherbet mix. 2/ Includes low fat cottage cheese.

3/ Preliminary.



## CHICKS HATCHED -- JUNE

STATE	BROILER-TYPE		1979 As % Of 1978	EGG-TYPE		1979 As % Of 1978
	1978	1979		1978	1979	
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
NORTH CAROLINA	34,219	36,905	108	1,130	750	66
South Carolina	3,283	3,918	119	863	660	76
Georgia	49,982	53,453	107	4,044	5,211	129
Florida	8,257	8,938	108	3,151	3,230	103
Delaware	16,259	16,051	99	<i>1/</i>	<i>1/</i>	-
Maryland	19,674	24,318	124	<i>1/</i>	<i>1/</i>	-
Virginia	10,422	12,781	123	542	623	115
UNITED STATES	346,094	379,648	110	45,631	47,331	104

*1/ Not published separately to avoid disclosing individual operations.*

## TURKEY HATCH UP 6 PERCENT

The hatch of 19.9 million turkey poults during June 1979 was 6 percent above a year ago. The hatch of heavy breeds was up 3 percent from June 1978 and light breeds hatch was up 69 percent.

The 24.7 million turkey eggs in incubators on July 1, 1979 were 10 percent above a year earlier. Eggs set for heavy-breed turkeys were 7 percent a-

bove last year and light breeds were up 70 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 179 thousand, a decrease of 13 percent from June 1978. Testing for July through June totaled 2.93 million, an increase of 12 percent from the same period a year ago.

## ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS JULY 1			POULTS HATCHED DURING JUNE		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	578	557	96	312	295	95
East North Central	2,930	3,034	104	2,541	2,581	102
West North Central	8,119	8,641	106	6,831	7,081	104
South Atlantic	4,551	5,404	119	3,384	4,056	120
South Central	2,122	2,628	124	1,993	1,914	96
West	4,109	4,417	107	3,741	3,965	106
UNITED STATES	22,409	24,681	110	18,802	19,892	106

## JUNE EGG PRODUCTION UP

The laying flocks in the Tarheel State produced an estimated 260 million eggs during June which is 3 percent more than June 1978. The average number of layers on hand during the month was 13.0 million, 5 percent more than the previous year. The rate of lay per 100 layers

decreased 2 percent from June last year.

The Nation's laying flock produced 5.57 billion eggs during June, 2 percent more than a year ago. The number of layers on hand during the month averaged 280 million compared to 276 million a year earlier.



## LAYERS AND EGG PRODUCTION -- JUNE

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
NORTH CAROLINA	12,375	13,000	2,046	2,001	253	260
Virginia	3,444	4,033	1,938	1,890	67	76
South Carolina	5,728	6,073	2,034	2,064	117	125
Georgia	23,100	25,050	2,001	1,992	462	499
Florida	11,944	11,560	1,980	1,980	236	229
UNITED STATES	275,592	279,986	1,979	1,991	5,454	5,574

Paul E. Williams  
Agricultural Statistician

Dan C. Tucker  
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U.S. Department of Agriculture / N.C. Department of Agriculture

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## N. C. BURLEY TOBACCO DECLINES

Burley tobacco production in North Carolina is forecast at 17.9 million pounds, 15% less than the previous season. Expected yield at 2,100 pounds per acre is 315 pounds below last year's crop. Blue mold disease has caused significant losses to this year's crop. Estimated harvested acres at 8,500 is down 2% from 1978.

## GRAPE PRODUCTION RECORD HIGH

The first forecast of North Carolina's grape crop is for a record high 8,500 tons, up 25% from a year earlier and 83% more than the 1977 crop.

U. S. production is also a record high at 4.83 million tons, 6% more than last year's crop and 12% larger than in 1977. California, the nation's largest producer at 4.38 million tons, is up 9% from a year earlier.

## N. C. PEANUT PRODUCTION DOWN U. S. CROP RECORD HIGH

The North Carolina peanut crop is forecast at 431.6 million pounds, down 8% from last year's production. The expected yield of 2,600 pounds per acre is down 225 pounds from the 1978 record high average yield. Acreage for harvest is estimated at 166,000 acres, the same as a year earlier.

Peanut production in the U. S. is forecast at a record high 4.06 billion pounds, up 2 percent from the 3.99 billion pounds produced in 1978. Yield is forecast at 2,659 pounds per acre, up 20 pounds from last year. Estimated acreage for harvest totals 1.53 million acres, up 1% from 1978.

Peanut condition in the Virginia-North Carolina area is fairly good. Excessive rainfall has resulted in poor root systems. The Alabama crop looks good. A good to excellent crop is expected in Georgia and Florida. Daily showers in South Carolina during late July resulted in some disease buildup. Recent rains have benefited late planted fields in Texas.

## JULY RAIN AIDS CROP PROSPECTS

Thunderstorms with significant rainfall in greater North Carolina brought relief to many farmers around mid-July after a long dry spell. The rainfall raised soil moisture to ratings of mostly adequate to surplus. In the Mountain region where rainfall was heaviest all month, soil moisture was reported adequate to mostly surplus. Early July's temperatures averaged a few degrees below normal but climbed back to normal and above around mid-month.

Crops are currently responding favorably to the rainfall and high temperatures. The condition of the corn crop is generally good. July rains may have come too late in some areas to make a bumper corn crop. Statewide, about 88% of the crop has silked, 60% is in the soft dough stage and 37% in the dent stage. The State's flue-cured tobacco crop was 32% harvested by July 29, well ahead of last year's progress of 19% and the five-year average (1974-1978) of 28%. Marketing began on July 24 and many farmers

experienced prices much lower than expected. Considering all the blue mold damage, contaminated fertilizer and excessive rainfall during the early growing stages, the tobacco crop yield may fall short of average.

The soybean crop looks fair to mostly good and about 14% of the crop is in the flowering stage. About 83% of the cotton crop has squared, while 62% has bloomed. A fairly good peanut crop is expected based on current conditions. Peach harvest at 70% complete is well ahead of the 57% rate last year and just slightly behind average. Apples are in mostly good condition. Seasonal vegetables are available in good volume. Both the sweet and Irish potato crops are in good condition. Harvest of the Spring Irish potato crop is virtually complete, on schedule. the condition of hay and pastures in the State is best in years with 74% of the hay crop cut, just slightly more than would be expected this time of year.



## COTTON PRODUCTION CLIMBS

The North Carolina cotton crop is up 2% from last year and is forecast at 46,000 bales. Although yield per acre is down 35 pounds to 480 pounds per acre, the acres for harvest climbed 10% to 46,000 acres this year.

The U. S. cotton production is forecast at 13.7 million bales, 26 percent above 1978. The average yield per harvested acre is forecast at 497 pounds, 76 pounds above last year's yield. Growers expect to harvest 13.3 million acres, an increase of 7% from 1978.

## RECORD U. S. CORN CROP FORECAST

Production of corn for grain in North Carolina is forecast at 136 million bushels, up 12% from a year ago. Yield is forecast at 80 bushels per acre, up 4 bushels from last year. Acreage for harvest is estimated at 1.70 million acres up 6% from 1978.

U. S. production of corn for grain is forecast at a record 7.11 billion bushels, 7% above the July 1 forecast and slightly above the previous record set last year. Prospects as of August 1 indicate an average yield per acre of 102.1 bushels, an increase of 6.3 bushels from July 1 and 0.9 bushel above the previous record set in 1978. Acreage for harvest is estimated at 69.6 million acres, down 344 thousand acres from 1978.

## SUMMER POTATO PRODUCTION UP

The North Carolina summer Irish potato crop is expected to total 513,000 cwt., up nearly 3% from last year's production. The expected yield of 125 cwt. per acre is the same as last year. Acreage for harvest is estimated at 4,100 acres, up 100 from a year ago.

The U. S. summer potato crop is forecast at 21.8 million cwt., up 3% from the 1978 output. Yields are expected to average 202 cwt. per acre, up 7% from the previous year. Acreage for harvest is estimated at 108,000 acres, down 3% from a year earlier.

## YAM OUTPUT RECORD HIGH

Sweet potato production for North Carolina is forecast at a record high 5,265,000 cwt., an increase of nearly 2% from last year. Average yield is forecast at 135 cwt. per acre, down 4% from a year ago. Acreage for harvest is estimated at 39,000 acres, up 2,000 acres from 1978.

The U. S. sweet potato crop is expected to total 14.6 million cwt., up 2% from 1978 and the largest crop since 1965. The average yield this year is forecast at 119 cwt. per acre, the same as last year but well above the 1977 level. Acreage for harvest is estimated at 122,000 acres, 1% above last season.

## NORTH CAROLINA CORN ACREAGE, YIELD AND PRODUCTION BY DISTRICTS, AUGUST 1, 1979 WITH COMPARISONS

DISTRICT	Area Harvested			Yield Per Acre			Production		
	1977	1978	Ind. 1979	1977	1978	Ind. 1979	1977	1978	Ind. 1979
	<i>1,000 Acres</i>			<i>Bushels</i>			<i>1,000 Bushels</i>		
N. Mountain	44.3	38.2	42	44.4	74.2	70	1,965	2,832	2,940
W. Mountain	29.6	28.8	30	53.1	73.6	75	1,571	2,120	2,250
N. Piedmont	104.0	96.0	98	29.5	61.0	64	3,072	5,856	6,270
C. Piedmont	86.4	92.0	90	26.9	62.1	71	2,327	5,711	6,390
S. Piedmont	76.0	75.0	82	27.2	69.8	74	2,065	5,238	6,070
N. Coastal	427.5	399.0	426	71.1	87.9	84	30,401	35,089	35,790
C. Coastal	539.0	473.0	514	50.0	78.0	85	26,952	36,894	43,690
S. Coastal	433.2	398.0	418	47.1	70.0	78	20,387	27,860	32,600
N. Carolina	1,740.0	1,600.0	1,700	51.0	76.0	80	88,740	121,600	136,000



# NORTH CAROLINA: Estimated Acreage, Yield and Production Of Crops, August 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands								
Corn for Grain.....	Bu.	1,740	1,600	1,700	51.0	76.0	80.0	88,740	121,600	136,000
Wheat, Winter.....	Bu.	200	180	205	30.0	33.0	35.0	6,000	5,940	7,175
Oats.....	Bu.	75	95	90	42.0	55.0	55.0	3,150	5,225	4,950
Barley.....	Bu.	55	59	62	40.0	51.0	51.0	2,200	3,009	3,162
Rye.....	Bu.	21	20	20	19.0	23.0	23.0	399	460	460
Tobacco: Flue-Cured.....	Lb.	383.0	390.0	345.0	1,883	2,124	2,004	721,005	828,420	691,325
Burley.....	Lb.	9.6	8.7	8.5	2,450	2,415	2,100	23,520	21,011	17,850
All Types.....	Lb.	392.6	398.7	353.5	1,896	2,131	2,006	744,525	849,431	709,175
Cotton $\angle$ .....	Lb.	83	42	46	305	515	480	53	45	46
Sorghum for Grain.....	Bu.	72	86	80	37.0	52.0	55.0	2,664	4,772	4,400
Irish Potatoes: Spring..	Cwt.	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Summer..	Cwt.	4.0	4.0	4.1	125	125	125	500	500	513
All.....	Cwt.	17.4	17.0	17.8	156	144	156	2,711	2,450	2,774
Sweet Potatoes.....	Cwt.	33.0	37.0	39	135	140	135	4,455	5,180	5,265
Soybeans for Beans.....	Bu.	1,320	1,550	1,850	22.0	24.0	24.0	29,040	37,200	44,400
Peanuts for Nuts.....	Lb.	166	166	166	2,675	2,825	2,600	444,050	468,950	431,600
Hay: Alfalfa & Mixtures.	Ton	16	17	17	2.30	2.70	2.80	37	46	48
All Other.....	Ton	334	343	338	1.45	1.65	1.65	484	566	558
All Kinds.....	Ton	350	360	355	1.49	1.70	1.71	521	612	606
Pasture Condition $\angle$ .....	%	81	82	90	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	35,000	45,000	48,000
Apples, Commercial.....	Lb.	-	-	-	-	-	-	270,000	324,000	350,000
Grapes, All.....	Ton	-	-	-	-	-	-	4.65	6.80	8.50

$\angle$  Production in 480 lb. NWB.  $\angle$  Data shown for pastures represent condition on August 1.



# UNITED STATES: Estimated Acreage, Yield and Production Of Crops, August 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands			Thousands			Thousands		
Corn for Grain.....	Bu.	70,872	69,970	69,626	90.7	101.2	102.1	6,425,457	7,081,849	7,108,938
Wheat, Winter.....	Bu.	48,664	38,909	43,496	31.6	32.1	36.9	1,537,113	1,248,272	1,602,901
Wheat, All.....	Bu.	66,461	56,839	62,227	30.6	31.6	34.3	2,036,318	1,798,712	2,133,041
Oats.....	Bu.	13,452	11,531	10,037	55.8	52.2	52.9	750,901	601,477	530,967
Barley.....	Bu.	9,564	9,233	7,445	43.9	48.4	47.9	420,159	447,008	356,491
Rye.....	Bu.	704	995	936	24.6	26.3	25.4	17,312	26,160	23,736
Tobacco: Flue-cured.....	Lb.	589.3	589.0	525.0	1,917	2,090	1,986	1,129,710	1,231,222	1,042,621
Burley.....	Lb.	268.6	261.0	247.3	2,298	2,399	2,289	617,280	626,263	566,065
All Types.....	Lb.	957.5	948.1	865.2	1,997	2,135	2,043	1,912,114	2,024,508	1,767,852
Cotton <u>L</u> /.....	Lb.	13,275	12,370	13,252	520	421	497	14,389	10,856	13,710
Sorghum for Grain.....	Bu.	14,092	13,581	12,955	56.3	55.1	60.1	792,983	748,410	779,181
Irish Potatoes: Spring..	Cwt.	91.4	90.9	89.4	250	198	258	22,870	17,963	23,060
Summer..	Cwt.	115.2	111.9	108.0	191	189	202	21,982	21,167	21,766
Sweet Potatoes.....	Cwt.	112.4	120.6	122.2	110	119	119	12,395	14,301	14,551
Soybeans for Beans.....	Bu.	57,612	63,003	70,349	30.6	29.2	30.3	1,761,755	1,842,647	2,129,254
Peanuts for Nuts.....	Lb.	1,516	1,512	1,526	2,457	2,639	2,659	3,726,015	3,988,624	4,056,780
Hay: Alfalfa & Mixtures.	Ton	27,075	27,707	27,259	2.97	3.13	3.10	80,403	86,745	84,477
All Other.....	Ton	33,583	33,788	33,601	1.52	1.64	1.66	50,910	55,519	55,736
All Kinds.....	Ton	60,658	61,495	60,860	2.16	2.31	2.30	131,313	142,264	140,213
Pasture Condition <u>2</u> /....	%	76	77	84	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	2,983,000	2,701,000	2,924,300
Apples, Commercial.....	Lb.	-	-	-	-	-	-	6,672,600	7,633,400	7,695,500
Grapes, All.....	Ton	-	-	-	-	-	-	4,298	4,567	4,832

L/ U. S. includes American-Pima. Production in 480-lb. NWB. 2/ Data shown for pastures represent condition on August 1.



## RECORD APPLE CROP EXPECTED

North Carolina commercial apple production in 1979 is forecast at a record high 350 million pounds, an increase of 8% from the previous year's crop of 324 million pounds. As of August 1, the Tar Heel apple crop was in mostly good condition throughout the state.

Red Delicious continues to be the leading variety in the State. This variety is expected to produce 160 million pounds or 46% of the total 1979 production. Poundage for Red Delicious is up 2% from 1978. Golden Delicious and Rome Beauty are tied for second place this year with production at 70 million pounds each, up 1% and 6% re-

spectively from a year ago. They each represent 20% of the 1979 total production. The next most important variety, Stayman, is expected to produce 30 million pounds. Poundage for Stayman is up 45% from a year ago. All remaining varieties in North Carolina are expected to produce 20 million pounds.

The U. S. apple crop is forecast at a record 7.70 billion pounds (3.49 million metric tons) as of August 1, up 1% from last year and 15% above 1977. Based on the August 1 forecast, the Eastern States will be slightly above last year, the Central States

(See Apples, Page 7)

## PROCESSING VEGETABLES

Snap bean production contracted for processing in North Carolina during 1979 is estimated at 6,960 tons, up sharply from the 1,500 tons contracted a year earlier. Both acreage and yield contributed to the big increase in 1979. The weather has been favorable in North Carolina and quality of the crop is excellent. Acreage for harvest at 2,900 acres is up 1,700 acres from last year's contracted acreage. Yield per acre is estimated at 2.40 tons, up 1.07 tons from the previous year's average of 1.33 tons.

U. S. snap bean production con-

tracted for processing during 1979 is estimated at 773,000 tons. This is 16% above last year's contracted production. Expected area to be harvested at 283,000 acres is 10% more than the area harvested during 1978. Yield per acre is placed at 2.73 tons, up 7% from the previous year's crop.

Growers of cucumbers for pickles in North Carolina have contracted 24,400 acres this year, 11% below the area contracted last year. Contracted acreage of cucumbers for pickles, includes planted acres during the spring, summer, and fall of 1979.

## VEGETABLES FOR FRESH MARKET IN NORTH CAROLINA

CROPS	Acres Harvested		Yield Per Acre		Production	
	1978	1979	1978	1979	1978	1979
	<i>Acres</i>		<i>Cwt.</i>		<i>1,000 Cwt.</i>	
Snap Beans: Spring..	2,600	2,400	22	25	57	60
Summer..	3,700	3,700	40	<u>1/</u>	148	<u>1/</u>
Cabbage: Spring..	1,900	2,300	110	105	209	242
Summer..	2,900	2,800	185	<u>1/</u>	537	<u>1/</u>
Cucumbers: Spring..	3,400	3,600	39	66	133	238
Summer..	5,100	4,500	55	<u>1/</u>	281	<u>1/</u>
Corn, Sweet.....	4,700	5,100	53	<u>1/</u>	249	<u>1/</u>
Green Peppers.....	6,700	6,700	37	<u>1/</u>	248	<u>1/</u>
Tomatoes.....	2,000	1,700	135	<u>1/</u>	270	<u>1/</u>
Watermelons.....	7,400	7,900	57	<u>1/</u>	422	<u>1/</u>

1/ Not available.



## SMALL GRAINS

WINTER WHEAT production in North Carolina is estimated at 7,175,000 bushels, up 21% from a year earlier. The increase in production resulted from more acres harvested and higher yields per acre. Estimated yield per acre increased 2 bushels from a year ago to 35 bushels. Acres harvested at 205,000 were up 25,000 from 1978.

Production of winter wheat in the U. S. is forecast at 1.60 billion bushels, up 28% from last year. Both increased acres and better yields have boosted the production above last year. The expected yield of 36.9 bushels per harvested acre is a record high, up 4.8 bushels from 1978. Growers have harvested or expect to harvest 43.5 million acres, up nearly 12% from last year.

North Carolina OATS production is estimated at 4,950,000 bushels, a decrease of 5% from last year. Average yield is estimated at 55 bushels per acre, unchanged from a year ago. Total acres for harvest is down 5,000 acres from 1978 to 90,000.

The Nation's oat production is forecast at 531 million bushels, a decrease of 12% from last year. A decrease in acreage intended for grain more than offset higher expected yield and results in the lower production forecast. Yield is expected to average 52.9 bushels per acre, down 0.7 bushel from a year ago. Acreage intended for harvest as grain at 10.0 million acres is down 13% from 1978.

BARLEY production is forecast at 3,162,000 bushels in North Carolina, up 5% from a year earlier. The increase in production was brought about by a 3,000 acre increase in acres for harvest to 62,000. Yield per acre at 51.0 bushels was unchanged from the previous year.

U. S. barley production decreased since last year. Production is estimated at 356 million bushels, down 20% from the 1978 crop. Yield per acre is forecast at 47.9 bushels per acre, down one-half bushel from the 1978 record high yield of 48.4 bushels. Acreage for harvest is estimated at 7.45 million acres, down 19% from a year earlier.

RYE production in the Tar Heel state is forecast at 460,000 bushels, unchanged from the previous year but 15% above the 1977 crop. Expected yield is forecast at 23.0 bushels per acre, the same as last year but 4.0 bushels above 1977. Acreage for harvest for grain at 20,000 acres, is unchanged from last year but 1,000 acres below 1977.

U. S. rye production is forecast at 23.7 million bushels, down 9% from last year. Both reduced acreage and poorer yield contributed to the decline from last year. A yield of 25.4 bushels per acre is forecast, down 0.9 bushel from 1978. Growers have harvested or expect to harvest 936 thousand acres, 6% less than a year ago.

## APPLES *(Cont'd. From Page 6)*

will be down 12%, and the Western States will have a crop 7% larger than in 1978.

Delicious continues to rank as the leading apple variety, and is expected to account for 36 percent of total production. Other leading varieties and their respective percents of expected 1979 production are: Golden Delicious, 16%; McIntosh, 9%; Rome Beauty, 7%; Jonathan, 6%; and York Imperial, 4%. The six varieties col-

lectively account for about 79% of the forecast production.

Compared with 1978, production in 1979 is expected to increase for Delicious (5%), Golden Delicious (1%), Jonathan (10%), Stayman (15%). Yellow Newtown (6%), Northern Spy, (5%) and Gravenstein (54%). Lower production is forecast for McIntosh (12%). Rome Beauty (9%), York Imperial (3%), both Winesap and Cortland (8%), and R I Greening (24%).



## JULY MILK PRODUCTION UNCHANGED

Milk production in North Carolina during July was estimated at 128 million pounds, the same as a year earlier. The number of milk cows on Tar Heel farms was estimated at 141,000 head, 1,000 less than July 1978. However, the average milk production per cow at 910 pounds was up 10 pounds from July a year earlier. The average price per head for milk cows for dairy herd replacement was estimated at \$1,020.00

compared to \$510.00 per head last year.

July milk production in the U. S. totaled 10.7 billion pounds, up 2 percent from July 1978. This was the largest gain over the previous year since November 1977. July production per cow averaged 997 pounds, 23 pounds more than each of the last two years. July milk cows averaged 10.7 million head, 1 percent lower than last year and 2 percent below July 1977.

### MILK COWS AND MILK PRODUCTION--JULY

STATE	Milk Cows On Farms <i>//</i>		Milk Per Cow		Milk Production		
					Pounds		1979 As Percent Of 1978
	1978	1979	1978	1979	1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
N. Carolina.	142	141	900	910	128	128	100
Maryland....	134	129	960	950	129	123	95
Virginia....	171	169	940	960	161	162	101
Georgia.....	129	126	750	775	97	98	101
Florida.....	193	189	790	810	152	153	101
U. S. ....	10,811	10,738	974	997	10,534	10,705	101

*//* Includes dry cows. Excludes heifers not yet fresh.

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## JULY EGG PRODUCTION UP

The laying flocks in the Tar Heel State produced an estimated 269 million eggs during July which is 3 percent more than July 1978. The average number of layers on hand during the month was 13.2 million, 6 percent more than the previous year. The rate of lay per 100 layers decreased 2 percent from July last year.

The Nation's laying flock produced 5.72 billion eggs during July, 3 percent more than a year ago. The number of layers on hand during the month averaged 281 million compared to 274 million a year earlier.

## PRICES RECEIVED INDEX RISES

The "All Farm Products" index of prices received by North Carolina farmers at local markets during August was 206 (1967 = 100), an increase of 2 points from July 1977 and up 8 points from August 1978.

The "All Crops Index" at 215 was up 9 points from the previous month. Oil bearing crops and grains were down 4 and 2 points respectively from last month.

The "Livestock and Livestock Products" index was down 11 points from last month to 191. Meat animals were down 30 points from last month. Poultry was down 7 points while dairy remained unchanged.

## RECORD HIGH FOR N. C. CASH RECEIPTS

North Carolina farmers received a record high \$3.2 billion from the marketings of farm products during 1978, an increase of 23 percent from 1977. (See Table, Page 4.) Crop sales, at \$1.9 billion, accounted for 60 percent of the total income. Livestock sales, at \$1.3 billion accounted for the remaining 40 percent of the total.

Tobacco brought in an estimated \$1.1 billion in 1978, or 34 percent of the total income from agricultural commodities. Tobacco income represents the largest share of cash receipts and shows a 28 percent increase over the previous

year. All other crop categories increased their cash receipts for 1978 except for food grains. It dropped 31 percent due to a drop in wheat prices.

Receipts from poultry and eggs, at \$693 million, accounted for 21 percent of income from all commodities in 1978. This also represents a 13 percent increase above the income for 1977. The next largest contributor to total income was the meat animals category. It represents 13 percent of the total income and shows cash receipts at \$422 million. This is a 57 percent increase over 1977.



## PRICES RECEIVED INDEX DOWN 10 POINTS PRICES PAID INDEX UNCHANGED

The August Index of Prices Received by Farmers decreased 10 points (4 percent) to 234 percent of its January-December 1967 average. Contributing most to the decrease since July were lower prices for cattle, soybeans, corn, oranges and hogs. Higher prices for lettuce, milk, lemons and tobacco were partially offsetting. The index was 23 points (11 percent) above a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates for August 15 was 251, unchanged from mid-July. Lower prices for feeder livestock and feed were offset by higher prices for fuels and energy, building and fencing materials, and family living items. The August index was 30 points (14 percent) above a year earlier.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Aug. 15 1976	Aug. 15 1977	Aug. 15 1978	July 15 1979	Aug. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	<u>3/</u> 178	175	<u>3/</u> 198	<u>3/</u> 204	206
All Crops.....	<u>3/</u> 175	<u>3/</u> 171	<u>3/</u> 193	<u>3/</u> 206	215
Tobacco.....	163	<u>3/</u> 170	190	194	210
Cotton.....	242	-	-	-	-
Oil Bearing.....	207	<u>3/</u> 198	216	<u>3/</u> 242	238
Grains.....	205	<u>3/</u> 119	<u>3/</u> 153	<u>3/</u> 219	217
Commercial Vegetables.....	<u>3/</u> 161	<u>3/</u> 197	<u>3/</u> 238	<u>3/</u> 208	206
Fruits.....	<u>3/</u> 210	<u>3/</u> 201	<u>3/</u> 229	273	220
Livestock and Livestock Products.....	<u>3/</u> 183	181	207	202	191
Meat Animals.....	<u>3/</u> 193	193	241	253	223
Poultry.....	184	180	199	179	172
Dairy.....	<u>3/</u> 162	167	176	195	195
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	<u>3/</u> 186	<u>3/</u> 174	<u>3/</u> 211	244	234
Prices Paid, Commodities & Services <u>1/</u> .....	<u>3/</u> 193	<u>3/</u> 202	221	251	251
Parity Ratio <u>2/</u> .....	96	<u>3/</u> 86	95	<u>3/</u> 97	93

*1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.*

### CROP AND LIVESTOCK PRICES MOSTLY DOWN, FEED PRICES DOWN

Average prices received for crops by North Carolina farmers at local markets about mid-August were slightly lower when compared to a month earlier. (See Table, Page 3.) Soybeans were down 18 cents per bushel to \$7.26. Corn dropped 3 cents per bushel to \$3.02. Oats was also down 4 cents per bushel to \$1.19. Tobacco price was up 13 cents per pound to \$1.38.

Prices received for livestock were mostly lower. Hogs, at \$35.80 per hundredweight were down \$5.60 per hundredweight from July and \$12.30 per hundredweight from August 1978. Beef cattle

dropped \$4.80 per hundredweight to \$55.00 from July. Veal calves at \$78.50 per hundredweight fell \$11.00 compared to the July price. Milk cows were up \$30.00 per head to \$1050.00.

Feed prices paid by the State's farmers during August were slightly lower. (See Table, Page 3.) Mixed dairy feed with 16% and 18% protein decreased \$4.00 per ton at \$158.00 and \$160.00 respectively. Dairy feed with 20% and 32% protein fell \$5.00 per ton. Poultry feeds were mostly lower for August with chick starter at \$5.00 per ton low-

(See Prices, Page 8)



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Aug. 15 1978	July 15 1979	Aug. 15 1979*	Aug. 15 1978	July 15 1979	Aug. 15 1979*
		Dollars					
Tobacco.....	Lb.	1.245	1.250	1.382	1.317	1.279	1.394
Corn.....	Bu.	2.12	2/ 3.05	3.02	2/ 2.01	2.64	2.49
Wheat.....	Bu.	-	-	-	2/ 2.88	3.89	3.71
Oats.....	Bu.	2/ 1.03	2/ 1.23	1.19	1.06	1.33	1.24
Barley.....	Bu.	-	-	-	1.86	2/ 2.22	2.13
Sorghum Grains.	Cwt.	-	-	-	2/ 3.37	2/ 4.46	4.30
Soybeans.....	Bu.	2/ 6.47	2/ 7.44	7.26	2/ 6.21	2/ 7.36	6.91
Cotton.....	Lb.	-	-	-	2/ .574	.609	.590
Wool.....	Lb.	-	-	-	2/ .746	.837	.831
Hogs.....	Cwt.	48.10	41.40	35.80	47.40	37.90	35.50
Beef Cattle....	Cwt.	42.60	59.80	55.00	49.30	65.60	61.30
Veal Calves....	Cwt.	59.20	89.50	78.50	61.90	90.00	84.60
Milk Cows.....	Hd.	550.00	1,020.00	1,050.00	636.00	1,074.00	1,077.00
Com'l. Broilers	Lb.	.285	.240	.225	.262	.255	.230
Turkeys.....	Lb.	.430	.380	.380	.434	.383	.386
Eggs 1/.....	Doz.	.627	.604	.602	.527	.534	.523
Milk, Whlse....	Cwt.	11.30	12.50	12.60	10.50	11.60	11.90
Potatoes.....	Cwt.	9.40	4.50	5.30	4.92	2/ 4.24	3.69
Sweet Potatoes.	Cwt.	12.50	-	9.00	14.00	16.80	10.20
Apples, Com'l.	Lb.	.105	-	.096	.150	.149	.156
Hay, All.....	Ton	-	-	-	49.00	56.30	57.60
Alfalfa Hay...	Ton	-	-	-	51.40	60.80	62.20
Other.....	Ton	-	-	-	43.30	46.00	46.00

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Aug. 15 1978	July 15 1979	Aug. 15 1979	Aug. 15 1978	July 15 1979	Aug. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	127.00	151.00	148.00
14% Protein.....	-	-	-	136.00	162.00	159.00
16% Protein.....	143.00	162.00	158.00	144.00	175.00	173.00
18% Protein.....	139.00	164.00	160.00	143.00	177.00	175.00
20% Protein.....	145.00	180.00	175.00	143.00	177.00	175.00
32% Protein.....	196.00	225.00	220.00	197.00	241.00	232.00
Poultry Feeds						
Chick Starter.....	179.00	210.00	205.00	172.00	204.00	198.00
Broiler Grower.....	179.00	198.00	186.00	169.00	199.00	199.00
Laying Feed <u>1/</u> .....	155.00	184.00	180.00	150.00	177.00	174.00
Turkey Grower <u>1/</u> ....	192.00	215.00	220.00	182.00	214.00	206.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.50	8.40	8.30	7.13	8.57	8.50
Middlings.....	7.20	7.80	7.80	7.05	8.39	8.33
Corn Meal.....	6.20	6.90	7.00	5.91	6.88	6.86
High Protein Feeds						
Cottonseed Meal 41%.	12.50	13.50	13.50	10.50	12.30	12.30
Soybean Meal 44%....	12.00	14.00	13.50	11.50	14.00	13.50

1/ Complete ration feeds which are fed without further mixing or supplementations.



## CASH RECEIPTS FROM NORTH CAROLINA FARM MARKETINGS

COMMODITIES	RECEIPTS			PERCENTAGE OF ALL COMMODITIES	
	1976	1977	1978 <u>1</u> /	1977	1978
	<i>1,000 Dollars</i>			<i>Percent</i>	
ALL AGRICULTURAL COMMODITIES: <u>2</u> /...	2,826,274	2,623,511	3,239,833	100.0	100.0
Crops.....	1,758,142	1,570,709	1,943,075	59.9	60.0
Livestock & Livestock Products..	1,068,132	1,052,802	1,296,758	40.1	40.0
INDIVIDUAL CROPS:					
Food Grains.....	14,426	14,550	10,092	.6	.3
Wheat.....	13,856	13,955	9,282	.5	.3
Rye.....	570	595	810	*	*
Feed Grains.....	249,439	171,641	176,730	6.5	5.5
Corn.....	236,140	160,425	164,015	6.1	5.1
Hay.....	3,779	4,469	4,646	.2	.1
Oats.....	2,020	1,906	3,059	.1	.1
Sorghum Grain.....	5,869	3,448	3,397	.1	.1
Barley.....	1,631	1,393	1,613	.1	*
Cotton.....	19,523	19,350	11,375	.7	.4
Cotton Lint.....	17,244	18,244	9,766	.7	.3
Cotton Seed.....	2,279	1,106	1,609	*	*
Tobacco.....	998,699	866,020	1,109,418	33.0	34.2
Oil Crops.....	253,705	230,220	280,621	8.8	8.7
Peanuts.....	83,129	89,943	101,214	3.4	3.1
Soybeans.....	170,576	140,277	179,407	5.3	5.5
Vegetables.....	87,217	91,947	118,923	3.5	3.7
Potatoes.....	11,632	15,582	11,250	.6	.3
Sweet Potatoes.....	22,217	26,799	42,109	1.0	1.3
Cucumbers <u>3</u> /.....	14,595	12,991	15,282	.5	.5
Snap Beans <u>3</u> /.....	5,446	5,205	5,755	.2	.2
Cabbage.....	5,574	4,783	7,566	.2	.2
Tomatoes <u>3</u> /.....	3,932	4,765	3,947	.2	.1
Peppers.....	3,862	3,134	5,034	.1	.2
Corn, Sweet.....	2,503	2,102	2,241	.1	.1
Watermelons.....	1,456	1,286	1,338	*	*
Miscellaneous Vegetables.....	16,000	15,300	24,401	.6	.8
Fruits and Nuts.....	32,507	40,533	44,123	1.5	1.4
Apples.....	23,275	28,689	27,639	1.1	.9
Peaches.....	3,272	4,266	7,088	.2	.2
Strawberries.....	2,024	1,848	1,120	.1	*
Pecans.....	1,628	1,032	1,870	*	.1
Grapes.....	1,003	1,088	1,680	*	.1
Other Fruits and Nuts <u>4</u> /.....	1,305	3,610	4,726	.1	.1
All Other Crops.....	102,626	136,448	191,793	5.2	5.9
Forest Products.....	60,000	80,000	125,000	3.9	3.9
Greenhouse Nursery.....	41,000	55,000	65,000	2.1	2.0
Lespedeza Seed.....	76	98	93	*	*
Miscellaneous Crops <u>5</u> /.....	1,550	1,350	1,700	.1	.1
LIVESTOCK AND LIVESTOCK PRODUCTS:					
Meat Animals.....	327,919	269,132	422,477	10.3	13.0
Hogs.....	254,786	206,159	305,503	7.9	9.4
Cattle and Calves.....	72,983	62,857	116,798	2.4	3.6
Sheep and Lambs.....	150	116	176	*	*
Dairy Products.....	161,912	166,812	173,011	6.4	5.3
Milk Wholesale.....	158,470	164,045	169,290	6.2	5.2
Milk Retail.....	3,442	2,767	3,721	.1	.1
Poultry and Eggs.....	572,714	610,323	692,740	23.3	21.4
Broiler.....	296,173	322,476	367,964	12.3	11.4
Eggs.....	154,751	155,571	161,402	5.9	5.0
Turkeys.....	99,365	110,062	139,444	4.2	4.3
Chickens, Farm.....	13,600	12,804	12,245	.5	.4
Miscellaneous Poultry <u>6</u> /.....	8,825	9,410	11,685	.4	.4
Miscellaneous Livestock.....	5,587	6,535	8,530	.2	.3
Honey.....	2,928	3,947	5,311	.2	.2
Beeswax.....	59	135	187	*	*
Wool.....	40	38	32	*	*
Other Misc. Livestock <u>7</u> /.....	2,560	2,415	3,000	.1	.1

(See Footnotes on Bottom of Page 5)



## LAYERS AND EGG PRODUCTION -- JULY

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	12,425	13,150	2,093	2,046	260	269
Virginia	3,540	4,136	1,987	1,972	70	82
South Carolina	5,653	6,133	2,058	2,142	116	131
Georgia	23,100	25,900	1,916	1,969	443	510
Florida	11,905	11,460	2,034	1,944	242	223
UNITED STATES	274,267	280,650	2,016	2,038	5,528	5,719

## HELLO--MR. FARMER?

The North Carolina Crop and Livestock Reporting Service telephones have been very active of late. The farm data collection agency which has traditionally collected its information by mail or occasional personal contact, is doing more and more of its work by telephone.

You may ask, "Why the emphasis on data collection by telephone?" Beginning in 1976, the Office of Management and Budget (OMB) required that certain government surveys obtain at least a 50 percent response rate. The purpose of this requirement was to insure coverage on accuracy; secondly, to encourage pruning of lists to only those who could answer. If we don't receive enough questionnaires by mail, the telephone provides a quick and easy way of collecting information.

Problems sometimes arise when farmers are contacted by telephone.

You may not be sure who is calling and thereby be reluctant to discuss your operation. Other agencies (government and otherwise), individuals, or companies may also be conducting surveys over the telephone asking for the same type of information.

If there is ever any question about who information is being supplied to, the following steps should be taken:

1. Obtain the name of the person who is calling and the agency they are calling from.
2. Contact that agency to verify who is doing calling for them and that they are currently collecting information of that type.

To verify any survey being conducted by the North Carolina Crop and Livestock Reporting Service, call 919 755-4394.

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*1/ Preliminary. 2/ Except for forest products and greenhouse and nursery products, cash receipts are shown only for those commodities for which the Department publishes estimates of the value of production. All other estimates, while included in commodity group total, are combined as appropriate in the "Other Livestock", "Miscellaneous Vegetables", "Other Berries", "Other Fruits and Nuts", or "Other Crops" items. 3/ Processing included. 4/ Cherries, figs, plums and prunes, walnuts, chestnuts, blackberries, blueberries, raspberries and other. 5/ Popcorn, other grains, crimson clover seed, ladino clover seed, red clover seed, fescue seed, orchardgrass seed, reedtop seed, ryegrass seed, vetch seed, millet, other seeds and other field crops. 6/ Includes turkey eggs and other poultry. 7/ Includes horses and mules and other miscellaneous livestock. \*Less than 0.05 percent. Percent may not be accurate to 0.1 in last place because of method of machine computations.*



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 36.7 million broiler-type chicks during July 1979. This represents an 8 percent increase over production during the same period last year. Egg-type hatch at .7 million eggs was 63 percent above July 1978.

For the nation, egg-type chicks hatched during July 1979 totaled 42.4 million, up 18 percent from a year ago.

Eggs in incubators on August 1, 1979 totaled 37.8 million, 10 percent above last year. Chickens in egg-type breeder flocks tested for pullorum-typhoid during July totaled 341 thousand, up 57 percent from July 1978. The number in flocks tested January through July was 2.27 million, up 6 percent from the same period a year earlier.

### CHICKS HATCHED -- JULY

STATE	BROILER-TYPE		1979 As % Of 1978	EGG-TYPE		1979 As % Of 1978
	1978	1979		1978	1979	
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
NORTH CAROLINA	33,828	36,678	108	430	700	163
South Carolina	3,815	3,803	100	612	518	85
Georgia	49,472	51,360	104	3,366	4,505	134
Florida	8,262	8,917	108	2,874	2,908	101
Delaware	15,798	14,338	91	<i>1/</i>	<i>1/</i>	-
Maryland	20,211	24,211	120	<i>1/</i>	<i>1/</i>	-
Virginia	10,464	12,365	118	349	573	164
UNITED STATES	338,477	365,268	108	35,818	42,400	118

*1/ Not published separately to avoid disclosing individual operations.*

### TURKEY HATCH UP 10 PERCENT

The hatch of 16.8 million turkey poults during July 1979 was 10 percent above a year ago. The hatch of heavy breeds was up 7 percent from July 1978 and light breed hatch was up 70 percent.

The 17.0 million turkey eggs in incubators on August 1, 1979 were 20 percent above a year earlier. Eggs set

for heavy breed turkeys were 19 percent above last year and light breeds were up 33 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 223 thousand, an increase of 40 percent from July 1978.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS AUGUST 1			POULTS HATCHED DURING JULY		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	332	165	50	283	317	112
East North Central	1,917	2,037	106	2,011	2,022	101
West North Central	4,363	5,384	123	5,258	5,604	107
South Atlantic	4,047	4,854	120	3,434	4,098	119
South Central	878	1,546	176	1,285	1,643	128
West	2,691	3,046	113	2,978	3,135	105
UNITED STATES	14,228	17,032	120	15,249	16,819	110



## JULY SLAUGHTER UP

Commercial slaughter of livestock in the Tar Heel State during July was estimated at 40.7 million pounds live weight, up 9 percent from July a year earlier.

Hog slaughter at 34.2 million pounds live weight was up 23 percent or 6.4 million pounds from July a year earlier. Cattle slaughter at 6.4 million pounds was down 31 percent or 3 million pounds from last year. Calf slaughter also dropped 22,000 pounds from last year, but the big increase in hog slaughter more than offset the drop in cattle and calves.

The average live weight per head for cattle slaughtered was 966 pounds, up 49 pounds from July last year. The average live weight for calves was 339 pounds, up 97 pounds from a year earlier. Hog average live weight per head was up 2 pounds from a year earlier to 221.

Commercial red meat production in North Carolina during July totaled 27.9 million pounds, up 13 percent from July 1978.

Commercial red meat production for the United States in July 1979 totaled 2.96 billion pounds, up 3 percent from July 1978. January--July red meat production at 21.1 billion pounds was 4 percent below last year.

Comparing July 1979 with July 1978: Beef production at 1.68 billion pounds was down 9 percent. Head kill at 2.66 million was down 13 percent, while average live weight increased 28 pounds to 1,054. Veal production at 34 million pounds was down 23 percent. Calf slaughter at 218 thousand head was down 28 percent, while average live weight increased 16 pounds to 260. Pork production totaled 1.22 billion pounds, up 27 percent. The 7.00 million head killed was up 24 percent, and average live weight increased 5 pounds to 246. Preliminary lard production was 92 million pounds, up 26 percent. Lamb and mutton production declined 4 percent to 22 million pounds. Head kill at 400 thousand was down 5 percent, while average live weight was unchanged at 111.

### NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER 1/

SPECIES	JULY				JANUARY THROUGH JULY			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
NORTH CAROLINA								
Cattle	10.2	6.6	9,376	6,424	92.2	56.4	82,087	53,683
Calves	.3	.1	71	49	3.2	1.4	842	428
Sheep & Lambs	-	.1	-	5	.5	.3	41	21
Hogs	126.9	154.8	27,814	34,222	1,097.8	1,225.4	243,509	274,034
<b>TOTAL</b>	<b>137.4</b>	<b>161.6</b>	<b>37,261</b>	<b>40,700</b>	<b>1,193.7</b>	<b>1,283.5</b>	<b>326,479</b>	<b>328,166</b>
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
UNITED STATES								
Cattle	3.1	2.7	3,143	2,802	23.1	19.6	23,793	20,705
Calves	.3	.2	74	57	2.6	1.7	629	413
Sheep & Lambs	.4	.4	47	45	3.1	2.9	350	329
Hogs	5.6	7.0	1,357	1,719	44.1	48.8	10,481	11,779
<b>TOTAL</b>	<b>9.4</b>	<b>10.3</b>	<b>4,621</b>	<b>4,623</b>	<b>72.9</b>	<b>73.0</b>	<b>35,253</b>	<b>33,226</b>

1/ Includes slaughter under Federal Inspection and other commercial slaughter. Excludes farm slaughter.



# PRICES (Cont'd. From Page 2)

er. Broiler grower at \$186.00 per ton decreased \$12.00. Laying feed and turkey grower were also down. In the Grain by-products category bran was down \$.10 per cwt to \$8.30, while middlings remained unchanged at \$7.80. Corn

meal increased in price \$.10 to 7.00 per cwt from the previous month. Prices paid for cottonseed meal 41% remained the same at \$13.50 per hundredweight and soybean meal 44% fell \$.50 per hundredweight to \$13.50.

Paul E. Williams  
Agricultural Statistician

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Statistician In Charge

U.S. Department of Agriculture / N.C. Department of Agriculture

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(USPS 331-110)  
5-FR79-18

Semi-Monthly

## AUGUST GENERAL SITUATION

August was a pleasant month for greater North Carolina. Temperatures averaged near normal on most days with the exception of a couple cool days during the third week. Although light, some rainfall occurred in many sections of the state during the month and heaviest amounts in the form of thunderstorms became more numerous during the last week. Crops have benefited from the recent rainfall and farm operators are busy spraying soybeans, dusting peanuts, harvesting corn, cutting silage corn and hay, picking apples, and winding down flue-cured tobacco harvest. Fall plowing for small grain seeding is now in progress on schedule.

Flue-cured tobacco harvest progressed well during August and is now 84% complete. This year's progress is ahead of last year's pace of 73% and the five-year average (1974-1978) of 76%. The condition of tobacco remaining in the fields for harvest is mostly fair to good. Harvest of the burley tobacco is just getting underway. Corn harvest is now in progress across the state, slightly ahead of last year and

nearly even with the five-year average. Ensilage corn was 45% complete as of September 2, slightly ahead of last year's pace. The Coastal Plains Region is more advanced. Apple harvest at 23% complete by September 2 is running a little behind normal schedule. Sweet potato harvest is now underway and also a little behind schedule.

Over three-fourths of the soybean crop has reached the flowering stage by September 2 and about half of the soybeans have set pods. The control of earworms and armyworms continues to be a major task for farmers, in the Coastal Plains Region. Recent rainfall has improved the crop's condition which is now rated 1% poor, 43% fair, 54% good and 2% excellent. The condition of the peanut crop is generally mostly fair to good. Growers are currently busy applying control measures for spider mites and corn earworms. Cotton prospects look good. About 15% of the acreage had open bolls. Pasture conditions have improved from recent rainfall. Statewide, pastures are rated 10% poor, 41% fair, 47% good and 2% excellent.

## SEPTEMBER 1, 1979 CROP PRODUCTION HIGHLIGHTS

CROP	NORTH CAROLINA		UNITED STATES	
	Production	% Change From 1978	Production	% Change From 1978
Flue-Cured Tob., lbs.	683,075,000	- 18	1,038,396,000	- 16
Burley Tob., lb.	16,575,000	- 21	540,365,000	- 14
Corn, Bu.	130,900,000	+ 8	7,268,175,000	+ 3
Soybeans, Bu.	42,550,000	+ 14	2,174,179,000	+ 18
Cotton, Bales	46,000	+ 2	14,245,000	+ 31
Peanuts, lbs.	431,600,000	- 8	4,096,930,000	+ 1
Apples, lbs.	350,000,000	+ 8	7,695,500,000	+ 1
Sweet Potatoes, cwt.	5,460,000	+ 5	14,804,000	+ 2



## FLUE-CURED TOBACCO PROSPECTS DOWN

As of September 1, the North Carolina flue-cured tobacco crop is forecast at 683 million pounds, down over one percent from a month earlier and 18% below last year's production of 828 million pounds. About 345,000 acres will be harvested this season, 12% less than 1978. An average yield of 1,980 pounds per acre is expected. This is 144 pounds per acre less than the 1978 average yield.

U. S. flue-cured production is forecast at 1.04 billion pounds, down 16% from the 1.23 billion pounds produced in 1978. Prospects in the Middle and Border Belts were unchanged from last month. Conditions declined some in the Eastern Belt and the indicated yield of the total flue-cured crop at 1,978 pounds per acre compares with 2,090 pounds a year earlier.

### FLUE-CURED TOBACCO, By Type, September 1, 1979

STATE	TYPE	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indi-cated 1979	1977	1978	Indi-cated 1979	1977	1978	Indi-cated 1979
		<i>Thousands</i>			<i>Pounds</i>			<i>Thousand Pounds</i>		
Virginia	11	61.0	56.0	55.0	1,795	1,850	1,850	109,495	103,600	100,375
N. C.	11	160.0	155.0	137.0	1,770	1,940	1,850	283,200	300,700	253,450
N. C.	12	177.0	186.0	165.0	1,955	2,255	2,050	346,035	419,430	338,250
N. C.	13	46.0	49.0	43.0	1,995	2,210	2,125	91,770	108,290	91,375
N.C. Total	11-13	383.0	390.0	345.0	1,883	2,124	1,980	721,005	828,420	683,075
S. C.	13	68.0	71.0	61.0	2,040	2,120	2,125	138,720	150,520	129,625
Georgia	14	65.0	61.0	53.0	2,075	2,060	1,950	134,875	125,660	103,350
Florida	14	11.7	10.5	10.5	2,100	2,100	2,000	24,570	22,050	21,000
Alabama	14	.6	.5	.5	1,900	1,870	1,850	1,045	972	971
U.S. TOTAL	11-14	589.3	589.0	525.0	1,917	2,090	1,978	1,129,710	1,231,222	1,038,376

### RECORD SOYBEAN CROP FORECAST

Based on crop conditions around September 1, North Carolina soybean production is forecast at a record high 42.6 million bushels, down 4% from last month's forecast but up 14% from last year's record high crop of 37.2 million bushels. Yield per acre is estimated at 23 bushels, down one bushel from the previous year. Acreage for harvest is estimated at a record high 1.85 million acres, up 19% from last year's record high 1.55 million acres.

U. S. soybean production is forecast at a record high 2.17 billion bushels. This is 18% above last year's crop. Yield is forecast at 30.9 bushels per acre, up 1.7 bushels from 1978. Acreage for harvest at 70.3 million acres is up 12 percent from last year.

### N. C. PEANUT PRODUCTION DOWN U. S. CROP RECORD HIGH

The North Carolina peanut crop is forecast at 431.6 million pounds, unchanged from last month's forecast but down 8% from last year's production. The expected yield of 2,600 pounds per acre is down 225 pounds from the 1978 record high average yield. Acreage for harvest is estimated at 166,000 acres, the same as a year earlier.

Peanut production in the U. S. is forecast at a record high 4.10 billion pounds, up 3 percent from the 3.99 billion pounds produced in 1978. Yield is forecast at 2,687 pounds per acre, up 48 pounds from last year. Estimated acreage for harvest totals 1.52 million acres, up 1% from 1978.



## RECORD U. S. CORN CROP FORECAST

Production of corn for grain in North Carolina is forecast at 131 million bushels, up 8% from a year ago. Yield is forecast at 77 bushels per acre, down 3 bushels from last month but up 1 bushel from last year. Acreage for harvest is estimated at 1.70 million acres up 6% from 1978.

U. S. production of corn for grain is forecast at a record high 7.27 bil-

lion bushels, 2% above the August 1 forecast and 3% above the previous record set last year. Prospects as of September 1 indicate an average yield per acre of 104.6 bushels, an increase of 2.5 bushels from August 1 and 3.4 bushels above the previous record set in 1978. Acreage for harvest is estimated at 69.5 million acres, down 474 thousand acres from 1978.

### NORTH CAROLINA CORN ACREAGE, Yield and Production By Districts, September 1, 1979, With Comparisons

DISTRICT	Area Harvested			Yield Per Acre			Production		
	1977	1978	Ind. 1979	1977	1978	Ind. 1979	1977	1978	Ind. 1979
	<i>1,000 Acres</i>			<i>Bushels</i>			<i>1,000 Bushels</i>		
N. Mountain	44.3	38.2	42	44.4	74.2	72	1,965	2,832	3,020
W. Mountain	29.6	28.8	30	53.1	73.6	74	1,571	2,120	2,220
N. Piedmont	104.0	96.0	98	29.5	61.0	60	3,072	5,856	5,880
C. Piedmont	86.4	92.0	90	26.9	62.1	69	2,327	5,711	6,210
S. Piedmont	76.0	75.0	82	27.2	69.8	73	2,065	5,238	5,990
N. Coastal	427.5	399.0	426	71.1	87.9	81	30,401	35,089	34,500
C. Coastal	539.0	473.0	514	50.0	78.0	82	26,952	36,894	42,150
S. Coastal	433.2	398.0	418	47.1	70.0	74	20,387	27,860	30,930
N. Carolina	1,740.0	1,600.0	1,700	51.0	76.0	77	88,740	121,600	130,900

### YAM OUTPUT RECORD HIGH

Sweet potato production for North Carolina as of September 1 is forecast at a record high 5,460,000 cwt., an increase of over 5% from last year. Average yield is forecast at 140 cwt. per acre, the same as a year ago. Acreage for harvest is estimated at 39,000 acres, up 2,000 acres from 1978.

The U. S. sweet potato crop is expected to total 14.8 million cwt., up 4% from 1978 and the largest crop since 1965. The average yield this year is forecast at 121 cwt. per acre, up 2 cwt. from last year and well above the 1977 level. Acreage for harvest is estimated at 122,200 acres, 1% above last season.



### COTTON PRODUCTION CLIMBS

The North Carolina cotton crop is up 2% from last year and is forecast at 46,000 bales. Although yield per acre is down 35 pounds to 480 pounds per acre, the acres for harvest climbed 10% to 46,000 acres this year.

The U. S. cotton production is forecast at 14.2 million bales, 31 percent above 1978. The average yield per harvested acre is forecast at 525 pounds, 104 pounds above last year's yield. Growers expect to harvest 13.3 million acres, an increase of 7% from 1978.



# NORTH CAROLINA: Estimated Acreage, Yield and Production Of Crops, September 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands								
Corn for Grain.....	Bu.	1,740	1,600	1,700	51.0	76.0	77.0	88,740	121,600	130,900
Wheat, Winter.....	Bu.	200	180	205	30.0	33.0	35.0	6,000	5,940	7,175
Oats.....	Bu.	75	95	90	42.0	55.0	55.0	3,150	5,225	4,950
Barley.....	Bu.	55	59	62	40.0	51.0	51.0	2,200	3,009	3,162
Rye.....	Bu.	21	20	20	19.0	23.0	23.0	399	460	460
Tobacco: Flue-Cured.....	Lb.	383.0	390.0	345.0	1,883	2,124	1,980	721,005	828,420	683,075
Burley.....	Lb.	9.6	8.7	8.5	2,450	2,415	1,950	23,520	21,011	16,575
All Types.....	Lb.	392.6	398.7	353.5	1,896	2,131	1,979	744,525	849,431	699,650
Cotton $\angle$ .....	Lb.	83	42	46	305	515	480	53	45	46
Sorghum for Grain.....	Bu.	72	86	80	37.0	52.0	55.0	2,664	4,472	4,400
Irish Potatoes: Spring..	Cwt.	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Summer..	Cwt.	4.0	4.0	4.1	125	125	125	500	500	513
All.....	Cwt.	17.4	17.0	17.8	156	144	156	2,711	2,450	2,774
Sweet Potatoes.....	Cwt.	33.0	37.0	39	135	140	140	4,455	5,180	5,460
Soybeans for Beans.....	Bu.	1,320	1,550	1,850	22.0	24.0	23.0	29,040	37,200	42,550
Peanuts for Nuts.....	Lb.	166	166	166	2,675	2,825	2,600	444,050	468,950	431,600
Hay: Alfalfa & Mixtures.	Ton	16	17	17	2.30	2.70	2.80	37	46	48
All Other.....	Ton	334	343	338	1.45	1.65	1.65	484	566	558
All Kinds.....	Ton	350	360	355	1.49	1.70	1.71	521	612	606
Pasture Condition $\angle$ .....	%	61	87	82	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	35,000	45,000	48,000
Apples, Commercial.....	Lb.	-	-	-	-	-	-	270,000	324,000	350,000
Grapes, All.....	Ton	-	-	-	-	-	-	4.65	6.80	8.50
Pecans, Improved.....	Lb.	-	-	-	-	-	-	1,100	2,800	2,100
Wild & Seedlings	Lb.	-	-	-	-	-	-	900	1,200	900
All.....	Lb.	-	-	-	-	-	-	2,000	4,000	3,000

1/ Production in 480 lb. NWR. 2/ Data shown for pastures represent condition on August 1.



# UNITED STATES: Estimated Acreage, Yield and Production Of Crops, September 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
Thousands										
Corn for Grain.....	Bu.	70,872	69,970	69,496	90.7	101.2	104.6	6,425,457	7,081,849	7,286,175
Wheat, Winter.....	Bu.	48,664	38,909	43,496	31.6	32.1	36.7	1,537,113	1,248,272	1,595,591
Wheat, All.....	Bu.	66,461	56,839	62,227	30.6	31.6	34.1	2,036,318	1,798,712	2,123,174
Oats.....	Bu.	13,452	11,531	10,002	55.8	52.2	53.1	750,901	601,477	531,232
Barley.....	Bu.	9,564	9,233	7,445	43.9	48.4	48.9	420,159	447,008	364,237
Rye.....	Bu.	704	995	936	24.6	26.3	25.4	17,312	26,160	23,736
Tobacco: Flue-cured.....	Lb.	589.3	589.0	525.0	1,917	2,090	1,978	1,129,710	1,231,222	1,038,396
Burley.....	Lb.	268.6	261.0	247.3	2,298	2,399	2,185	617,280	626,263	540,365
All Types.....	Lb.	957.5	948.1	864.5	1,997	2,135	2,001	1,912,114	2,024,508	1,729,725
Cotton <u>L</u> /.....	Lb.	13,275	12,370	13,032	520	421	525	14,389	10,856	14,245
Sorghum for Grain.....	Bu.	14,092	13,581	12,955	56.3	55.1	62.9	792,983	748,410	814,261
Irish Potatoes: Spring..	Cwt.	91.4	90.9	89.4	250	198	258	22,870	17,963	23,060
Summer..	Cwt.	115.2	111.9	107.7	191	189	206	21,982	21,167	22,147
Sweet Potatoes.....	Cwt.	112.4	120.6	122.2	110	119	121	12,395	14,301	14,804
Soybeans for Beans.....	Bu.	57,612	63,003	70,299	30.6	29.2	30.9	1,761,755	1,842,647	2,174,179
Peanuts for Nuts.....	Lb.	1,516	1,512	1,525	2,457	2,639	2,687	3,726,015	3,988,624	4,096,930
Hay: Alfalfa & Mixtures.	Ton	27,075	27,707	27,259	2.97	3.13	3.10	80,403	86,745	84,477
All Other.....	Ton	33,583	33,788	33,601	1.52	1.64	1.66	50,910	55,519	55,736
All Kinds.....	Ton	60,658	61,495	60,860	2.16	2.31	2.30	131,313	142,264	140,213
Pasture Condition <u>2</u> /.....	%	71	75	86	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	2,983,000	2,701,000	2,924,300
Apples, Commercial.....	Lb.	-	-	-	-	-	-	6,672,600	7,633,400	7,695,500
Grapes, All.....	Ton	-	-	-	-	-	-	4,298	4,567	4,832
Pecans, Improved.....	Lb.	-	-	-	-	-	-	137,900	164,500	104,500
Wild & Seedlings	Lb.	-	-	-	-	-	-	98,700	86,200	152,200
All.....	Lb.	-	-	-	-	-	-	236,600	250,700	256,700

*L/ U. S. includes American-Pima.*

*Production in 480-lb. NWB.*

*2/ Data shown for pastures represent condition on August 1.*



## N. C. PECANS DOWN

Pecan production in North Carolina is expected to total 3 million pounds in 1979. This year's production is 1 million pounds smaller than last season. Some dry, hot weather had an effect on this year's crop. Pecan borers and pecan weevil worms have been prevalent. Unfavorable conditions have caused a heavy, early drop.

The U. S. pecan production is forecast at 257 million pounds compared with 251 million pounds last year.

## NORTH CAROLINA WHEAT VARIETIES

N. C. wheat growers reported that the Arthur 71 variety accounted for 35% of wheat acreage for the 1979 crop. The second most popular variety was Coker 747 which accounted for nearly 21% of the acreage. Abe accounted for 11% of the acreage. Arthur, the leading variety five years ago, accounted for less than 1% in the most recent survey. Details by varieties reported in 1979 with comparative figures for 1974 are shown below.



## NORTH CAROLINA WHEAT VARIETIES SEEDED FOR SELECTED YEARS

VARIETY	Percentage Of Acreage		Acreage Seeded	
	1974	1979	1974	1979
Arthur 71.....	17.9	35.0	55,500	82,130
Coker 747.....	-	20.8	-	48,950
Abe.....	1.5	11.0	4,650	25,945
McNair 1003....	-	6.5	-	15,180
Pioneer S78....	-	4.6	-	10,715
Pioneer S76....	-	3.3	-	7,825
Oasis.....	-	2.5	-	5,945
Coker 68-15....	3.5	2.0	10,850	4,795
McNair 1813....	-	2.0	-	4,770
McNair 4823....	.7	1.0	2,170	2,255
Arthur.....	49.3	.8	152,850	1,860
Knox.....	-	.4	-	895
Blueboy.....	9.6	.1	29,800	165
Anderson.....	.2	*	620	70
Atlas 66.....	-	*	-	70
Logan.....	-	*	-	45
McNair 701....	4.1	-	12,700	-
Knox 62.....	2.8	-	8,680	-
Blueboy II....	2.8	-	8,680	-
Coker 68-19....	1.5	-	4,650	-
Coker 65-20....	.3	-	950	-
McNair 2203....	.1	-	310	-
Seneca.....	*	-	95	-
Taylor.....	*	-	65	-
Thorne.....	*	-	30	-
Variety Unknown	5.6	10.0	17,400	23,385
TOTAL.....	100.0	100.0	310,000	235,000

\* Estimate of acreage is less than 0.1 percent of total acreage.



## AUGUST MILK PRODUCTION UNCHANGED

Milk production in North Carolina during August was estimated at 128 million pounds, the same as the previous month and two million pounds above August 1978. The number of milk cows on Tar Heel farms was estimated at 141,000 head, same as a year ago. However, the average milk production per cow at 910 pounds was up 15 pounds from August a year earlier.

The average price per head for milk cows for dairy herd replacement was estimated at \$1,050.00

August milk production in the U.S.

was 10.4 billion pounds, up 2 percent from August 1978 and up fractionally from August 1977.

Accumulated production for the first 8 months of 1979 totaled 83.8 billion pounds, 629 million pounds above the same period last year.

August production per cow averaged 968 pounds, 24 pounds more than last year and 23 pounds greater than August 1977.

August milk cows averaged 10.7 million head, 1 percent lower than last year and 2 percent below August 1977.

## MILK COWS AND MILK PRODUCTION--AUGUST

STATE	Milk Cows On Farms <i>L/</i>		Milk Per Cow		Milk Production		
	1978	1979	1978	1979	Pounds		1979 As Percent Of 1978
					1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
N. Carolina.	141	141	895	910	126	128	102
Maryland....	134	129	945	945	127	122	96
Virginia....	172	171	930	960	160	164	102
Georgia.....	129	128	775	790	100	101	101
Florida.....	193	189	760	785	147	148	101
U. S. ....	10,821	10,740	944	968	10,213	10,400	102

*L/* Includes dry cows. Excludes heifers not yet fresh.

## NORTH CAROLINA VALUE OF FARM REAL ESTATE

YEAR	Value Of Land and Buildings			Building Value	Farm Mortgage Debt	Farm Real Estate Taxes/\$100 Value
	Per Acre	Per Farm	Total Value			
	<i>Dollars</i>	<i>Thou. Dols.</i>	<i>Mil. Dols.</i>	<i>Mil. Dols.</i>	<i>Mil. Dols.</i>	<i>Dollars</i>
1970	333	33.7	5,062	1,387	446	.53
1971	371	38.4	5,491	1,444	471	.50
1972	396	41.9	5,702	1,483	512	.48
1973	461	49.6	6,454	1,659	560	.44
1974	551	60.4	7,494	1,903	662	.39
1975*	590	70.2	7,375	1,851	780	.40
1976	637	76.7	7,899	1,959	903	.41
1977	675	82.9	8,370	2,059	1,011	.44
1978	694	86.1	8,606	2,100	1,126	NA
1979	819	102.6	10,156	2,458	1,275	NA

\* New definition beginning 1975. NA not available.



NORTH CAROLINA GROSS CASH RENT PER ACRE AND RATIO OF RENT-TO-VALUE

YEAR	Farms Rented For Cash		Cropland Rented For Cash	
	Rent Per Acre	Ratio Of Rent-To-Value	Rent Per Acre	Ratio Of Rent-To-Value
	Dollars	Percent	Dollars	Percent
1976	26.70	4.3	28.60	4.0
1977	31.70	4.7	36.40	4.5
1978	28.50	4.1	34.50	4.3
1979	34.40	4.5	37.10	4.1

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# NORTH CAROLINA FARM REPORT



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## HOG INVENTORY

All hogs and pigs on North Carolina farms totaled 2,700,000 head, an increase of 26 percent from a year earlier. The September 1 inventory was an all-time record high and consisted of 400,000 head being kept for breeding purposes, up 20 percent and 2,300,000 head of market hogs, 27 percent more than last year. North Carolina ranks seventh in the Nation in the total number of hogs and pigs.

North Carolina producers intend to farrow 145,000 sows during the next three months--September through November--24 percent more than the same period last year. December through February 1980 farrowings are expected to total 155,000, up 19 percent from December-February 1979.

The State's pig crop June through August totaled 1,095,000 head, an increase of 23 percent above June-August 1978. This pig crop resulted from the farrowing of 150,000 sows with litters that averaged 7.3 pigs per litter saved.

Inventory of hogs and pigs on September 1, 1979 in the 14 States conducting quarterly hog surveys was estimated at 57.0 million head, up 16 percent from a year ago. This is the largest September 1 inventory since 1970. Breeding inventory at 8.24 million head, was up 10 percent from 1978, and up 15 percent from 1977. Market hog inventory totaled 48.8 million head, 17 percent above last year and 16 percent more than 1977. The 14 Quarterly States account for about 86 percent of the U. S. hog and pig inventory.

(See Hog Inventory, Page 6)

## PRICES RECEIVED INDEX UP

The "All Farm Products" index of prices received by North Carolina farmers at local markets during September was 211 (1967 = 100), an increase of 7 points from August 1979 and up 2 points from September 1978.

The "All Crops Index" at 219 was up 7 points from the previous month. Oil bearing crops and grains were up 2 and 5 points respectively.

The "Livestock and Livestock Products Index" was up 5 points from last month to 196. Meat animals were up 11 points from last month. Poultry was up 5 points while dairy rose 2 points.

(See Table, Page 2.)

## TURKEY BREEDER HEN INTENTIONS

Turkey breeder hen owners in 26 selected States are currently intending to increase their flock size 7 percent from December 1, 1978. If intentions are carried through until December 1, 1978. If intentions are carried through until December 1, 1979, this would be the largest breeder hen flock since 1967, which totaled 4.14 million hens. Heavy breed flocks are expected to increase 6 percent and the light breed flocks 24 percent.

The actual number of breeder hens, on hand December 1, 1979 for the 1980 hatching season may vary from growers' September intentions due to supply and price of hatching eggs and poults and prices received for turkeys during the next few months.



## PRICES RECEIVED INDEX UP 3 POINTS PRICES PAID INDEX UP 3 POINTS

The September Index of Prices Received by Farmers increased 3 points (1 ½ percent) to 240 percent of its January-December 1967 average. Contributing most to the increase since August were higher prices for cattle, hogs, milk, calves and wheat. Lower prices for citrus, soybeans, potatoes, corn and grain sorghum were partially offsetting. The index was 23 points (11 percent) above a year ago.

The Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates for September 15 was 254, up 3 points (1 percent) from mid-August. Higher prices for feeder livestock accounted for more than one-half the index rise. Other contributors were tractors and other farm machinery, fuels, seed and the family living items. The index was 31 points (14 percent) above a year ago.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Sep. 15 1976	Sep. 15 1977	Sep. 15 1978	Aug. 15 1979	Sep. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	<u>3/</u> 184	<u>3/</u> 188	<u>3/</u> 209	<u>3/</u> 204	211
All Crops.....	187	<u>3/</u> 191	<u>3/</u> 210	<u>3/</u> 212	219
Tobacco.....	182	200	215	210	220
Oil Bearing.....	221	<u>3/</u> 198	219	<u>3/</u> 233	235
Grains.....	180	<u>3/</u> 125	<u>3/</u> 153	<u>3/</u> 199	204
Commercial Vegetables.....	<u>3/</u> 161	<u>3/</u> 175	<u>3/</u> 211	<u>3/</u> 196	169
Fruits.....	<u>3/</u> 205	<u>3/</u> 203	244	220	247
Livestock and Livestock Products.....	181	<u>3/</u> 181	<u>1/</u> 208	191	196
Meat Animals.....	<u>3/</u> 186	<u>3/</u> 186	248	223	234
Poultry.....	183	182	199	172	177
Dairy.....	<u>3/</u> 167	<u>3/</u> 172	<u>3/</u> 176	195	197
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	<u>3/</u> 187	<u>3/</u> 174	<u>3/</u> 217	<u>3/</u> 237	240
Prices Paid, Commodities & Services <u>1/</u> .....	<u>3/</u> 192	201	<u>3/</u> 223	251	254
Parity Ratio <u>2/</u> .....	<u>3/</u> 97	<u>3/</u> 87	97	94	94

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### CROP AND LIVESTOCK PRICES SLIGHTLY UP, FEED PRICES DOWN

Average prices received for crops by North Carolina farmers at local markets about mid-September were slightly higher when compared to a month earlier. (See Table, page 3.) Soybeans were up 10 cents per bushel to \$7.13. Corn increased 8 cents per bushel to \$2.84. Oats remained unchanged at \$1.22 per bushel. Tobacco price was up 7 cents per pound to \$1.45.

Prices received for livestock were mostly higher. Hogs at \$38.20 per hundredweight were up \$2.40. Beef cattle were up 80 cents per hundredweight. Veal calves were up \$3.40 per hundred-

weight when compared to the August price. Milk cows were up \$20.00 per head to \$1,070.

Feed prices paid by the State's farmers during August were slightly lower. Mixed dairy feed with 16% protein remained unchanged while mixed dairy feeds with 18%, 20% and 32% protein were down \$3, \$4 and \$5 respectively. Poultry feeds also showed a decline from last month. In the high protein feeds, cottonseed meal 41% protein remained unchanged, while soybean meal with 44% protein dropped 50 cents per hundredweight.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Sep. 15 1978	Aug. 15 1979	Sep. 15 1979*	Sep. 15 1978	Aug. 15 1979	Sep. 15 1979*
Dollars							
Tobacco.....	Lb.	1.412	1.382	1.448	1.413	1.394	1.449
Corn.....	Bu.	<u>2/</u> 2.11	<u>2/</u> 2.76	2.84	1.98	2.54	2.50
Wheat.....	Bu.	-	-	-	2.92	3.74	3.84
Oats.....	Bu.	-	1.22	1.22	1.06	1.24	1.28
Barley.....	Bu.	-	-	-	1.85	2.23	2.32
Sorghum Grains.	Cwt.	-	-	-	3.22	4.27	4.02
Soybeans.....	Bu.	-	7.03	7.13	6.20	7.07	6.87
Cotton.....	Lb.	-	-	-	.562	.592	.585
Wool.....	Lb.	-	-	-	.727	.831	.802
Hogs.....	Cwt.	48.40	35.80	38.20	48.00	35.50	37.50
Beef Cattle....	Cwt.	45.00	55.00	55.80	52.20	61.30	66.90
Veal Calves....	Cwt.	62.30	78.50	81.90	65.70	84.60	91.60
Milk Cows.....	Hd.	590.00	1,050.00	1,070.00	658.00	1,077.00	1,095.00
Com'l. Broilers	Lb.	.275	.225	.225	.262	.230	.234
Turkeys.....	Lb.	.440	.380	.380	.440	.386	.381
Eggs <u>1/</u> .....	Doz.	.653	.602	.651	.544	.523	.548
Milk, Whlse....	Cwt.	11.30	12.50	12.60	10.90	12.00	12.30
Potatoes.....	Cwt.	8.90	5.80	4.60	3.61	3.89	3.27
Sweet Potatoes.	Cwt.	8.00	9.00	4.40	9.65	10.20	7.87
Apples, Com'l.	Lb.	.120	.096	.124	.158	.156	.158
Hay, All.....	Ton	-	-	-	47.80	57.60	58.80
Alfalfa Hay....	Ton	-	-	-	50.10	62.20	63.90
Other.....	Ton	-	-	-	41.60	46.00	46.60

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Sep. 15 1978	Aug. 15 1979	Sep. 15 1979	Sep. 15 1978	Aug. 15 1979	Sep. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	128.00	148.00	151.00
14% Protein.....	144.00	158.00	158.00	137.00	159.00	160.00
16% Protein.....	142.00	160.00	157.00	146.00	173.00	173.00
18% Protein.....	150.00	175.00	171.00	145.00	175.00	176.00
20% Protein.....	196.00	220.00	215.00	201.00	232.00	231.00
32% Protein.....						
Poultry Feeds						
Chick Starter.....	176.00	205.00	198.00	173.00	198.00	198.00
Broiler Grower....	176.00	186.00	185.00	168.00	199.00	195.00
Laying Feed <u>1/</u> .....	152.00	180.00	171.00	149.00	174.00	173.00
Turkey Grower <u>1/</u> ....	195.00	220.00	210.00	180.00	206.00	206.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.40	8.30	8.10	7.13	8.50	8.45
Middlings.....	7.30	7.80	7.70	7.02	8.33	8.33
Corn Meal.....	6.10	7.00	7.10	5.76	6.86	6.85
High Protein Feeds						
Cottonseed Meal 41%.	13.00	13.50	13.50	10.70	12.30	12.20
Soybean Meal 44%....	12.00	13.50	13.00	11.50	13.50	13.20

1/ Complete ration feeds which are fed without further mixing or supplementations.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 35.8 million broiler-type chicks during August 1979. This represents a 12 percent increase over production during the same period last year. Egg-type hatch at .6 million eggs was 57 percent above August 1978.

For the Nation, egg-type chicks hatched during August 1979 totaled 41.7 million, up 8 percent from a year ago.

Eggs in incubators on September 1, 1979 totaled 35.0 million, 1 percent below last year. Chickens in egg-type breeder flocks tested for pullorum-typhoid during August totaled 579 thousand, up 79 percent from August 1978. The number in flocks tested January through August was 2.86 million, up 16 percent from the same period a year earlier.

## CHICKS HATCHED -- AUGUST

STATE	BROILER-TYPE			EGG-TYPE		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
NORTH CAROLINA	32,092	35,799	112	350	550	157
South Carolina	3,783	3,809	101	784	711	91
Georgia	48,886	50,119	103	3,882	4,133	106
Florida	8,233	8,630	105	3,040	2,835	93
Delaware	14,024	12,959	92	<i>//</i>	<i>//</i>	-
Maryland	18,610	23,588	127	<i>//</i>	<i>//</i>	-
Virginia	10,427	12,611	121	436	512	117
UNITED STATES	318,222	358,937	113	38,556	41,691	108

*//* Not published separately to avoid disclosing individual operations.

## U. S. TURKEY HATCH CLIMBED 20 PERCENT

The hatch of 11.5 million turkey poults during August 1979 was 20 percent above a year ago. The hatch of heavy breeds was up 19 percent from August 1978 and light breed hatch was up 35 percent.

The 11.5 million turkey eggs in incubators on September 1, 1979 were 36 percent above a year earlier. Eggs set for heavy breed turkeys were 33 percent

above last year and light breeds were up 71 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 358 thousand, an increase of 9 percent from August 1978. Testing for July and August totaled 581 thousand, an increase of 19 percent from the same period a year ago.

## ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS SEPTEMBER 1			POULTS HATCHED DURING AUGUST		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	25	5	-	161	126	78
East North Central	1,203	1,399	116	1,291	1,476	114
West North Central	2,386	3,426	144	2,692	3,391	126
South Atlantic	3,275	3,834	117	3,005	3,604	120
South Central	523	1,222	234	517	917	177
West	1,025	1,602	156	1,902	2,011	106
UNITED STATES	8,437	11,488	136	9,568	11,525	120



## U. S. TURKEY CROP LARGEST EVER

A record 158 million turkeys are expected to be raised in 1979, up 13 percent from both last year and the previous record year of 1976 where 140 million turkeys were raised.

Heavy breed turkeys are expected to total 147 million birds, up 12 percent from the 1978 level of 131 million birds and light breed turkeys are expected to total 11.0 million birds, up 23 percent from 1978.

Minnesota with 25.1 million birds, up 13 percent from 1978, continued to lead all States in turkeys raised. North Carolina ranked second with 23.5 million birds, up 24 percent. California is third with 18.9 million birds, up 13 percent.

The number of turkey poults hatched September 1978 through July 1979 was up 13 percent from the previous season. Heavy breeds were up 10 percent with light breeds up 55 percent.

## LAYERS AND EGG PRODUCTION -- AUGUST

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
NORTH CAROLINA	12,750	13,175	2,062	2,009	263	265
Virginia	3,735	4,068	2,009	2,006	75	82
South Carolina	5,585	6,025	2,124	2,151	119	130
Georgia	23,350	26,050	1,962	2,015	458	525
Florida	12,026	11,113	1,996	2,040	240	227
UNITED STATES	276,107	281,009	2,012	2,031	5,554	5,706

## AUGUST EGG PRODUCTION UP

The laying flocks in the Tar Heel State produced an estimated 265 million eggs during August which is 1 percent more than August 1978. The average number of layers on hand during the month was 13.2 million, 3 percent more than the previous year. The rate of lay per

100 layers decreased 3 percent from August last year.

The Nation's laying flock produced 5.71 billion eggs during August, 3 percent more than a year ago. The number of layers on hand during the month averaged 281 million compared to 276 million a year earlier.

## SOYBEAN STOCKS UP

There were 1.7 million bushels of old crop soybeans in all North Carolina storage positions on September 1, 1979. This is 11 percent more than a year earlier. On-farm storage, at 558,000 bushels, was down 4 percent from last year but off-farm soybean stocks at 1.1 million bushels were up nearly 20 percent from the September 1, 1978 quantity.

For the Nation, carryover of old crop soybeans into the 1979-80 marketing year totaled 173 million bushels

(4.72 million metric tons), up 8 percent from last year and 68 percent above 1977. Soybeans stored on farms totaled 60.8 million bushels (1.65 million metric tons), up 3 percent from last year and 86 percent above 1977. On-farm storage accounted for 35 percent of the soybeans stored in all positions. Off-farm stocks at 113 million bushels (3.06 million metric tons) were 10 percent above last year and 60 percent above two years ago.



## HOG INVENTORY (Cont'd. From Page 1)

The June-August 1979 pig crop in the 14 States totaled 22.3 million head, 16 percent higher than 1978 and 19 percent above 1977. A total of 3.11 million sows farrowed in these States, up 17 percent from last year. Pigs saved averaged 7.16 for the quarter compared with 7.22 pigs per litter for both 1978 and 1977.

Producers in the 14 States intend to farrow 3.16 million sows during the September-November 1979 period, 13 percent more than 1978 and 23 percent above 1977. Farrowing intentions reported for the December 1979-February 1980 period are 2.93 million sows, 10 percent more than a year earlier and 28 percent more than two years ago.

### HOGS AND PIGS: September 1, 1979 Report, Number On Farms, Sows Farrowing, and Pig Crop, 1978-1979

PIG CROP	NORTH CAROLINA			14 STATES*		
	1978	1979	1979 As % 1978	1978	1979	1979 As % 1978
	<i>Thousand Head</i>		<i>Percent</i>	<i>Thousand Head</i>		<i>Percent</i>
NUMBER ON FARMS SEPTEMBER 1:						
All Hogs and Pigs.....	2,140	2,700	126	49,300	56,990	116
Kept for Breeding.....	332	400	120	7,463	8,237	110
Market.....	1,808	2,300	127	41,837	48,753	117
Market Hogs and Pigs						
By Weight Groups:						
Under 60 Pounds.....	814	1,000	123	17,631	20,379	116
60-119 Pounds.....	416	552	133	10,447	12,351	118
120-179 Pounds.....	344	437	127	7,921	9,480	120
180 Pounds and Over....	234	311	133	5,838	6,543	112
NUMBER ON FARMS JUNE 1:						
All Hogs and Pigs.....	2,035	2,360	116	47,205	55,540	118
Kept for Breeding.....	326	385	118	7,450	8,696	117
Market.....	1,709	1,975	116	39,755	46,844	118
SOWS FARROWING:						
March-May.....	115	144	125	2,870	3,486	121
June-August.....	120	150	125	2,658	3,110	117
September-November.....	117	145	124	2,796	3,157	113
PIG CROP:						
March-May.....	828	1,058	128	20,716	24,994	121
June-August.....	888	1,095	123	19,195	22,253	116
PIGS PER LITTER:	<i>Number</i>			<i>Number</i>		
March-May.....	7.20	7.35	102	7.22	7.17	99
June-August.....	7.40	7.30	99	7.22	7.16	99
	1979	1980 1/	1980 As % 1979	1979	1980 1/	1980 As % 1979
	<i>Thousand Head</i>		<i>Percent</i>	<i>Thousand Head</i>		<i>Percent</i>
SOWS FARROWING:						
December 2/-February.....	130	155	119	2,660	2,933	110

1/ Intentions. 2/ December preceding year. \* Includes Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Minn., Missouri, Nebraska, N. C., Ohio, South Dakota, Texas, and Wisconsin.



## AUGUST SLAUGHTER UP

Commercial slaughter of livestock in the Tar Heel State during August was estimated at 49.3 million pounds live weight, up 4 percent from August a year earlier.

Hog slaughter at 42.6 million pounds live weight was up 14 percent or 5.4 million pounds from August a year earlier. Cattle slaughter at 6.6 million pounds was down 33 percent or 3.3 million pounds from last year. Calf slaughter also dropped 17,000 pounds from last year, but the big increase in hog slaughter more than offset the drop in cattle and calves.

The average live weight per head for cattle slaughtered was 976 pounds, up 43 pounds from August last year. The average live weight for calves was 342 pounds, up 80 pounds from a year earlier. Hog average live weight per head was down 5 pounds from a year earlier to 216.

Commercial red meat production in North Carolina during August totaled 34.2 million pounds, up 8 percent from August 1978.

Commercial red meat production for the United States during August 1979 totaled 3.33 billion pounds, up 2 percent from August 1978. January--August red meat production, at 24.4 billion pounds, was 3 percent below last year.

Comparing August 1979 with August 1978. Beef production at 1.92 billion pounds was down 8 percent. Head kill at 3.03 million was down 12 percent, while average live weight increased 23 pounds to 1054. Veal production at 34 million pounds was down 32 percent. Calf slaughter at 241 thousand head was down 31 percent and average live weight declined 6 pounds to 235. Pork production totaled 1.35 billion pounds, up 23 percent. The 7.96 million head killed was up 23 percent and was a record kill for the month of August.

NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER *L/*

SPECIES	AUGUST				JANUARY THROUGH AUGUST			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
NORTH CAROLINA								
Cattle	10.7	6.8	9,970	6,640	102.9	63.2	92,056	60,323
Calves	.3	.2	85	68	3.5	1.6	927	496
Sheep & Lambs	.1	.1	10	8	.6	.4	51	29
Hogs	168.9	197.5	37,261	42,629	1,266.7	1,422.9	280,770	316,663
TOTAL	180.0	204.6	47,326	49,345	1,373.7	1,488.1	373,804	377,511
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
UNITED STATES								
Cattle	3.5	3.0	3,566	3,193	26.6	22.6	27,360	23,897
Calves	.3	.2	84	57	2.9	1.9	713	469
Sheep & Lambs	.5	.4	50	48	3.6	3.3	400	377
Hogs	6.5	8.0	1,546	1,904	50.6	56.7	12,027	13,683
TOTAL	10.8	11.6	5,246	5,202	83.7	84.5	40,500	38,426

*L/ Includes slaughter under Federal Inspection and other commercial slaughter. Excludes farm slaughter.*



## N. C. HONEY PRODUCTION UP

Honey production from apiaries with 300 or more colonies in North Carolina is expected to increase 27 percent to 888,000 pounds.

Commercial apiaries reported 12,000 colonies, an increase of 2,000 above last year. The yield per colony is expected to average 74 pounds, 4 pounds more than last year.

Honey production from apiaries with 300 or more colonies in 20 selected States is expected to decline 2 percent to 144 million pounds in 1979.

The estimated 1.95 million colonies of bees held by the apiaries in 1979 are 2 percent above the 1978 level of 1.92 million colonies.

Colony yield is expected to decline an average of 2.8 pounds for the 20 States compared with last season. California yield declined to a more normal level from last year's unusually good yield. Nebraska, North Dakota and South Dakota honey flows were reduced by cooler summer temperatures and aerial grasshopper spraying. In addition, Nebraska honey flow was reduced by poorer alfalfa bloom.

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# NORTH CAROLINA FARM REPORT



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## SEPTEMBER GENERAL SITUATION

Tropical storm David passed through North Carolina on September 5 leaving behind an abundance of rainfall in the State and over 10 inches of precipitation in several eastern locations. Wind damage was light, but some flooding in low lying areas was observed. Crops being harvested are on schedule but the above normal precipitation from the storm slowed the start of sweet potato harvest. Soil moisture supplies across the State increased substantially to a rating of 24% adequate and 76% surplus. Conditions improved for most crops with the much needed rainfall after a dry August. Temperatures averaged a few degrees above normal in early September and near normal the remainder of the month. Farm operators had an average of 3 days suitable for field work during the week of the storm.

The major farm activities during September were harvesting and marketing tobacco, harvesting corn for grain and corn for silage, spraying soybeans, digging potatoes and picking apples. Less than five percent of the peanut crop had been harvested by September 30, trailing the previous year's pace of 18% and behind the 5-year average of 19%. The condition of the crop is considered mostly fair to good. Cotton harvest is about 10% complete with prospects ranging from mostly fair to good. Sweet potatoes and apple harvests are progressing behind normal schedule due to September's rainy weather. Prospects for these crops remain mostly good. Land preparation for small grain seeding is continuing a little behind normal schedule due to wet fields. Pastures are providing ample feed, Statewide.

## OCTOBER 1, 1979 CROP PRODUCTION HIGHLIGHTS

CROP	NORTH CAROLINA		UNITED STATES	
	Production	% Change From 1978	Production	% Change From 1978
Flue-Cured Tobacco, lbs..	660,300,000	- 20	1,007,721,000	- 18
Burley Tobacco, lbs.....	15,300,000	- 27	553,565,000	- 16
Corn, Bu.....	130,900,000	+ 8	7,390,365,000	+ 4
Soybeans, Bu.....	44,400,000	+ 8	2,213,289,000	+ 18
Cotton, Bales.....	48,000	+ 7	14,356,000	+ 32
Peanuts, lbs.....	431,600,000	- 8	4,088,680,000	+ 3
Sweet Potatoes, cwt.....	5,460,000	+ 5	14,849,000	+ 4
Hay, Tons.....	606,000	- 1	143,035,000	+ 1
Apples, lbs.....	350,000,000	+ 8	7,582,500,000	- 1



## FLUE-CURED TOBACCO PROSPECTS DOWN

As of October 1, the North Carolina flue-cured tobacco crop is forecast at 660 million pounds, down 3% from the September 1 forecast and 20% less than last year's production of 828 million. The average yield per acre for all flue-cured is expected to average 1,942 pounds, 38 pounds less than forecast a month earlier and 182 pounds less than the 1978 yield. Acreage for harvest at 340,000 is down 5,000 acres or over 1% from last month's estimate and down 50,000 acres or 13% from last year.

U.S. flue-cured tobacco production is forecast at 1.01 billion pounds, 3% less than the September 1 forecast and down 18% from the 1978 production of 1.23 billion pounds. The average yield per acre for all flue-cured is expected to average 1,949 pounds, 29 pounds less than forecast a month earlier and 141 pounds less than the 1978 yield. Acreage for harvest at 517,000 is down 2% from last month's estimate and down 12% from last year. Harvest of flue-cured tobacco was virtually complete by the end of September.

### FLUE-CURED TOBACCO, BY TYPE, OCTOBER 1, 1979

STATE	TYPE	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indi- cated 1979	1977	1978	Indi- cated 1979	1977	1978	Indi- cated 1979
		<i>Thousands</i>			<i>Pounds</i>			<i>Thousand Pounds</i>		
Virginia	11	61.0	56.0	55.0	1,795	1,850	1,850	109,495	103,600	101,750
N. C.	11	160.0	155.0	136.0	1,770	1,940	1,825	283,200	300,700	248,200
N. C.	12	177.0	186.0	163.0	1,955	2,255	2,000	346,035	419,430	326,000
N. C.	13	46.0	49.0	41.0	1,995	2,210	2,100	91,770	108,290	86,100
N.C. Total	11-13	383.0	390.0	340.0	1,883	2,124	1,942	721,005	828,420	660,300
S. C.	13	68.0	71.0	58.0	2,040	2,120	2,075	138,720	150,520	120,350
Georgia	14	65.0	61.0	53.0	2,075	2,060	1,950	134,875	125,660	103,350
Florida	14	11.7	10.5	10.5	2,100	2,100	2,000	24,570	22,050	21,000
Alabama	14	.6	.5	.5	1,900	1,870	1,850	1,045	972	971
U.S. TOTAL	11-14	589.3	589.0	517.0	1,917	2,090	1,949	1,129,710	1,231,222	1,007,721

### N. C. BURLEY TOBACCO DECLINES

Burley tobacco production in North Carolina is forecast at 15.3 million pounds, down 8% from the September 1 forecast and 27% less than the previous season. The average yield per acre is forecast at 1,800 pounds, down 150 pounds from last month's forecast and 615 pounds below last year. Blue mold disease has caused significant losses to this year's crop. Estimated harvested acres at 8,500 is down 2% from 1978.

U. S. burley tobacco production is forecast at 527 million pounds, down 2% from the September 1 forecast and 16% below last year. The average yield per acre is forecast at 2,132 pounds, down 11% from last year. Acreage for harvest is estimated at 247,300 acres, down 5% from the 261,000 acres harvested in 1978.



## RECORD U. S. CORN CROP FORECAST

Corn production in North Carolina is forecast at 131 million bushels, up 8% from a year ago. The average yield per acre at 77 bushels is unchanged from last month but up 1 bushel from last year. Acreage for harvest is estimated at 1.7 million acres, up 6% from 1978. Combining was 69% completed by October 7. The progress of harvest is trailing last year's pace of 80% and the five-year average of 70%. Combining is most advanced in the Coastal Plains Region.

U. S. corn production for grain is forecast at a record high 7.39 billion bushels, 2% above the September 1 forecast and 4 percent more than the previous record set last year. The average yield per acre is forecast at a record high 106.4 bushels, up 1.8 bushels from last month and 5.2 bushels above last year. Acreage for grain is estimated at 69.5 million acres, down 1% from last year. In the Southeast, harvest advanced to 65% complete by October 1, just short of last year's 67% but ahead of the 57% average. Rain caused some lodging and slowed harvest throughout the Southeast.

### NORTH CAROLINA CORN ACREAGE, YIELD AND PRODUCTION BY DISTRICTS, OCTOBER 1, 1979 WITH COMPARISONS

DISTRICT	Area Harvested			Yield Per Acre			Production		
	1977	1978	Ind. 1979	1977	1978	Ind. 1979	1977	1978	Ind. 1979
	<i>1,000 Acres</i>			<i>Bushe ls</i>			<i>1,000 Bushe ls</i>		
N. Mountain	44.3	38.2	42	44.4	74.2	72	1,965	2,832	3,020
W. Mountain	29.6	28.8	30	53.1	73.6	73	1,571	2,120	2,190
N. Piedmont	104.0	96.0	98	29.5	61.0	62	3,072	5,856	6,080
C. Piedmont	86.4	92.0	90	26.9	62.1	69	2,327	5,711	6,210
S. Piedmont	76.0	75.0	82	27.2	69.8	71	2,065	5,238	5,820
N. Coastal	427.5	399.0	426	71.1	87.9	81	30,401	35,089	34,500
C. Coastal	539.0	473.0	514	50.0	78.0	82	26,952	36,894	42,150
S. Coastal	433.2	398.0	418	47.1	70.0	74	20,387	27,860	30,930
N. Carolina	1,740.0	1,600.0	1,700	51.0	76.0	77	88,740	121,600	130,900

### SWEET POTATO CROP UP 5%

Based on conditions around October 1, North Carolina sweet potato production is forecast at 5,460,000 cwt., unchanged from the previous month's forecast but 5% above last year. The average yield per acre at 140 cwt. is the same as a year ago. Acreage for harvest is estimated at 39,000 acres, up 2,000 acres from 1978. Harvest was about 52% completed by October 7. This is behind last year's pace of 65% but even with

the five-year average of 72%.

U. S. sweet potato production is forecast at 14.8 million cwt., up fractionally from the September 1 forecast and 4% above the 1978 crop of 14.3 million cwt. The average yield per acre is forecast at 122 cwt., up 1 cwt. from the September 1 forecast and 3 cwt. above last year. Acreage for harvest is estimated at 122,200 acres, up 1% from 1978.



# NORTH CAROLINA: Estimated Acreage, Yield and Production Of Crops, October 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands			Thousands			Thousands		
Corn for Grain.....	Bu.	1,740	1,600	1,700	51.0	76.0	77.0	88,740	121,600	130,900
Wheat, Winter.....	Bu.	200	180	205	30.0	33.0	35.0	6,000	5,940	7,175
Oats.....	Bu.	75	95	90	42.0	55.0	55.0	3,150	5,225	4,950
Barley.....	Bu.	55	59	62	40.0	51.0	51.0	2,200	3,009	3,162
Rye.....	Bu.	21	20	20	19.0	23.0	23.0	399	460	460
Tobacco: Flue-Cured.....	Lb.	383.0	390.0	340.0	1,883	2,124	1,942	721,005	828,420	660,300
Burley.....	Lb.	9.6	8.7	8.5	2,450	2,415	1,800	23,520	21,011	15,300
All Types.....	Lb.	392.6	398.7	348.5	1,896	2,131	1,939	744,525	849,431	675,600
Cotton 1/2.....	Lb.	83	42	46	305	515	501	53	45	48
Sorghum for Grain.....	Bu.	72	86	80	37.0	52.0	55.0	2,664	4,472	4,400
Irish Potatoes: Spring..	Cwt.	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Summer..	Cwt.	4.0	4.0	4.1	125	125	125	500	500	513
All.....	Cwt.	17.4	17.0	17.8	156	144	156	2,711	2,450	2,774
Sweet Potatoes.....	Cwt.	33.0	37.0	39	135	140	140	4,455	5,180	5,460
Soybeans for Beans.....	Bu.	1,320	1,680	1,850	22.0	24.5	24.0	29,040	41,160	44,400
Peanuts for Nuts.....	Lb.	166	166	166	2,675	2,825	2,600	444,050	468,950	431,600
Hay: Alfalfa & Mixtures.	Ton	16	17	17	2.30	2.70	2.80	37	46	48
All Other.....	Ton	334	343	338	1.45	1.65	1.65	484	566	558
All Kinds.....	Ton	350	360	355	1.49	1.70	1.71	521	612	606
Pasture Condition 2/.....	%	69	80	89	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	35,000	45,000	48,000
Apples, Commercial.....	Lb.	-	-	-	-	-	-	270,000	324,000	350,000
Grapes, All.....	Ton	-	-	-	-	-	-	4.65	6.80	8.50
Pecans, Improved.....	Lb.	-	-	-	-	-	-	1,100	2,800	2,100
Wild & Seedlings	Lb.	-	-	-	-	-	-	900	1,200	900
All.....	Lb.	-	-	-	-	-	-	2,000	4,000	3,000

1/ Production in 480 lb. NWB. 2/ Data shown for pastures represent condition on October 1.



# UNITED STATES: Estimated Acreage, Yield and Production Of Crops, October 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands								
Corn for Grain.....	Bu.	70,872	69,970	69,476	90.7	101.2	106.4	6,425,457	7,081,849	7,390,365
Wheat, Winter.....	Bu.	48,664	38,909	43,496	31.6	32.1	36.7	1,537,113	1,248,272	1,595,591
Wheat, All.....	Bu.	66,461	56,839	62,227	30.6	31.6	34.0	2,036,318	1,798,712	2,113,897
Oats.....	Bu.	13,452	11,531	10,002	55.8	52.2	53.1	750,901	601,477	531,232
Barley.....	Bu.	9,564	9,233	7,445	43.9	48.4	48.9	420,159	447,008	364,237
Rye.....	Bu.	704	995	936	24.6	26.3	25.4	17,312	26,160	23,736
Tobacco: Flue-cured....	Lb.	589.3	589.0	517.0	1,917	2,090	1,949	1,129,710	1,231,222	1,007,721
Burley.....	Lb.	268.6	261.0	247.3	2,298	2,399	2,132	617,280	626,263	527,165
All Types.....	Lb.	957.5	948.1	855.8	1,997	2,135	1,965	1,912,114	2,024,508	1,681,678
Cotton <u>L</u> /.....	Lb.	13,275	12,370	13,061	520	421	528	14,389	10,856	14,356
Sorghum for Grain.....	Bu.	14,092	13,581	12,955	56.3	55.1	63.0	792,983	748,410	816,729
Irish Potatoes: Spring..	Cwt.	91.4	90.9	89.4	250	198	258	22,870	17,963	23,060
Summer..	Cwt.	115.2	111.9	107.7	191	189	206	21,982	21,167	22,147
Sweet Potatoes.....	Cwt.	112.4	120.6	122.2	110	119	122	12,395	14,301	14,849
Soybeans for Beans.....	Bu.	57,612	63,343	70,249	30.6	29.5	31.5	1,761,755	1,870,181	2,213,289
Peanuts for Nuts.....	Lb.	1,516	1,512	1,525	2,457	2,639	2,682	3,726,015	3,988,624	4,088,680
Hay: Alfalfa & Mixtures.	Ton	27,075	27,707	27,259	2.97	3.13	3.16	80,403	86,745	86,210
All Other.....	Ton	33,583	33,788	33,601	1.52	1.64	1.69	50,910	55,519	56,825
All Kinds.....	Ton	60,658	61,495	60,860	2.16	2.31	2.35	131,313	142,264	143,035
Pasture Condition <u>2</u> /....	%	69	77	81	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	2,983,000	2,701,000	2,924,300
Apples, Commercial.....	Lb.	-	-	-	-	-	-	6,672,600	7,633,400	7,582,500
Grapes, All.....	Ton	-	-	-	-	-	-	4,298	4,567	4,739
Pecans, Improved.....	Lb.	-	-	-	-	-	-	137,900	164,500	103,000
Wild & Seedlings	Lb.	-	-	-	-	-	-	98,700	86,200	147,300
All.....	Lb.	-	-	-	-	-	-	236,600	250,700	250,300

$\angle$ / U. S. includes American-Pima. Production in 480-lb. NWB.  $\angle$ / Data shown for pastures represent condition on October 1.



## RECORD SOYBEAN CROP FORECAST

Based on crop conditions around October 1, North Carolina soybean production is forecast at a record high 44.4 million bushels, up 4% from last month's forecast and 8% above last year's record high crop of 41.2 million bushels. The average yield per acre at 24 bushels is up 1 bushel from last month's forecast but down one half bushel from last year. Acreage for harvest is estimated at a record high 1.85 million acres, up 10% from last year's record high 1.68 million acres. Condition of the crop ranges from good in the Mountain and Piedmont Regions to fair to mostly good in the Coastal Plains Region.

### N. C. PEANUT PRODUCTION DOWN

The North Carolina peanut crop is forecast at 432 million pounds, unchanged from last month's forecast but down 8% from last year's production. The average yield per acre is forecast at 2,600 pounds, 225 pounds less than the 1978 record high average yield. Acreage for harvest is estimated at 166,000 acres, the same as a year earlier. Harvest is behind normal schedule. By October 7, only 8% of the crop had been dug. This is well behind last year's pace of 35% and the five-year average of 48%. Heavy rains have delayed harvest.

U. S. peanut production is forecast at a record high 4.09 billion pounds, down slightly from the September 1 forecast but 3% above the 3.99 billion pounds produced last year. The average yield per acre is forecast at 2,682 pounds, down 5 pounds from last month's forecast but up 43 pounds from last year. Acreage for harvest remains at 1.52 million acres, up nearly 1% from 1978.

U. S. soybean production is forecast at a record high 2.21 billion bushels, up 2% from last month's forecast and 18% above last year. The average yield per acre is forecast at a record high 31.5 bushels, up 2 bushels from last year and 0.9 bushel per acre above the previous record high set in 1977. Acreage for harvest is estimated at 70.2 million acres, up 11% from the 63.3 million acres harvested in 1978.

### COTTON PRODUCTION CLIMBS

The North Carolina cotton crop is up 7% from last year and is forecast at 48,000 bales. This forecast is up 4% from last month. The average yield per acre at 501 pounds is up 21 pounds from last month's forecast but down 14 pounds from last year. Acreage for harvest climbed 10% to 46,000 acres this year. Harvest was about 12% completed by October 7. This is slightly ahead of last year's rate of 9% and the five-year average of 7% harvested. About two-thirds of the crop has open bolls.

Based on October 1 conditions, all U. S. cotton production is forecast at 14.4 million bales, up 1% from the September 1 forecast and 32% above last year. Expected production consists of 14.2 million bales of Upland and 113 thousand bales of American-Pima. Cottonseed production, based on a three year average lint-seed ratio, is forecast at 5.60 million tons, 31 percent above 1978. Growers expect to harvest 13 million acres of Upland cotton and 88.9 thousand acres of American-Pima. Average lint yield per harvested acre is forecast at 528 pounds, up 107 pounds from 1978.



## DIALOG ON FARM STRUCTURE

In keeping with his call for a national dialogue on issues affecting the structure of U. S. agriculture, Secretary Bob Bergland will conduct 10 public meetings across the Nation.

The meetings will be held in November and December. The meeting for North Carolina, Delaware, Maryland, West Virginia, Virginia, South Carolina and Kentucky will be held November 28 at Cumberland County Memorial Auditorium in Fayetteville, N. C. Bergland will seek the views of organizations and individuals who have a stake in agriculture--from farmers to consumers.

Bordeaux Convention Center in Fayetteville, N. C. Bergland will seek the views of organizations and individuals who have a stake in agriculture--from farmers to consumers.

How can a citizen participate in the dialogue? USDA has established a contact for anyone wanting to express his or her views or to seek additional information. Requests to speak at the meetings should be sent to: Project Coordinator, Structure of Agriculture, USDA, Washington, D.C., 20250. Include your name, mailing address, phone number, organization represented (if any) and a brief identification of the issues you will address. Scheduled speakers will be notified of the time they will appear on the program.

Persons wishing to speak but unable to attend one of the meetings should send their comments to the project coordinator. These comments will be made part of the public record.

Bergland listed 12 broad areas of concern: land ownership, control and tenancy; barriers to entering and leaving farming; production efficiency, size of farms and the role of technology; government programs; tax and credit policies; farm input supply system; farm product marketing system; present and future energy supplies; environmental concerns, including conservation and use of soil and water; returns to farmers; costs to consumers; and quality of life in rural areas.

Bergland said he wants to know how these 12 concerns have affected local farms and communities and what changes in public policy might be needed in the future.

"Our immediate goal is to collect and evaluate all the information we can about the current structure of agriculture and the forces which affect it," Bergland said. "It's important that we get as much public input as possible, so we can eventually establish national policies and programs that will best promote the kind of agriculture and rural life Americans want for the future."

## COMMERCIAL VEGETABLES FOR FRESH MARKET

Growers in North Carolina intend to harvest 1,800 acres of cabbage for fresh market this fall. This is down 100 acres from the 1,900 acres harvested last fall.

Area for harvest in the major producing states during the 1979 fall quarter is forecast at 28.7 thousand acres, virtually the same as a year ago. Based on historic average yields, this acreage is expected to provide 7.97 million cwt. of cabbage, 1 percent below 1978's fall quarter production.

As of October 1, North Carolina growers expected to harvest 300 acres of snapbeans for fresh market this fall. This compares with 340 acres harvested during the fall of 1978.

The 1979 fall quarter area for harvest in major producing states is estimated at 21.1 thousand acres, 5 percent more than the area harvested during the fall quarter of 1978. Based on average yields of recent years, projected production at 781 thousand cwt. would be 16 percent above the 1978 fall crop.



## SEPTEMBER MILK PRODUCTION UP

Milk production in North Carolina during September was estimated at 130 million pounds, an increase of 4 percent above September, 1978. The number of milk cows on Tar Heel farms was estimated at 141,000 head, same as a year

ago. However, the average milk production per cow at 920 pounds was up 30 pounds from September a year earlier.

The average price per head for milk cows for dairy herd replacement was estimated at \$1,070.

### MILK COWS AND MILK PRODUCTION--SEPTEMBER

STATE	MILK COWS ON FARMS <i>1/</i>		MILK PER COW		MILK PRODUCTION		
	1978	1979	1978	1979	Pounds		1979 As % Of 1978
					1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
NORTH CAROLINA.	141	141	890	920	125	130	104
Maryland.....	134	129	950	970	127	125	98
Virginia.....	173	172	900	940	156	162	104
Georgia.....	129	127	800	805	103	102	99
Florida.....	192	187	720	750	138	140	101
UNITED STATES..	10,832	10,769	899	930	9,733	10,016	103

*1/ Includes dry cows. Excludes heifers not yet fresh.*

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## PRICES RECEIVED INDEX DOWN

The "All Farm Products" index of prices received by North Carolina farmers at local markets during October was 202 (1967=100), down 9 points from September 1979.

The "All Crops Index" at 207 was down 12 points from last month, but remained 4 points above October 1978. Tobacco was down 13 points and oil bearing

crops dropped 16 points. Grains showed a gain of 6 points to 204.

The "Livestock and Livestock Products Index" was down 5 points from last month to 192. Meat animals dropped 16 points to 218 while poultry fell only 2 points. Dairy was up 3 points to 204.

(See Table, Page 2.)

## NORTH CAROLINA GRAIN STOCKS UP 30 PERCENT

Grain stocks held in all storage positions in North Carolina on October 1, 1979 were up 30 percent from a year earlier. Sharp increases in corn and wheat were partly offset by lower oats and barley holdings.

Old crop corn stocks in all storage facilities were more than double a year earlier stocks. On-farm stocks at 3.0 million bushels were up 128 percent and off-farm stocks were up 137 percent.

Wheat stocks in all positions at 5.6 million bushels were up 27 percent from October 1, 1978. On-farm stocks at 2.0 million bushels were up 35 percent while off-farm stocks were up 23 percent.

Oats in all storage positions totaled 3.6 million bushels, 11 percent less than last year's October 1 stocks. On-farm stocks were up 8 percent while off-farm stocks declined 36 percent.

Barley stocks in all positions at 1.9 million bushels declined 8 percent.

### U. S. WHEAT AND CORN STOCKS ABOVE A YEAR AGO

The October 1, 1979 stocks of wheat in all positions totaled 62.3 million metric tons, 7 percent more than a year

ago. Feed grain stocks at 54.8 million metric tons were 4 percent above a year earlier. Corn stocks were up 16 percent but were partially offset by lower stocks of sorghum grain, oats and barley which were down 16, 13 and 4 percent, respectively.

Old crop corn stored in all positions on October 1, 1979, totaled 1.29 billion bushels, up 16 percent from last year and the highest since October 1, 1964. Of the total old crop corn, 60 percent was stored on farms. Old crop sorghum grain in all storage positions amounted to 159 million bushels, 16 percent less than a year earlier. Oats in storage totaled 576 million bushels, 13 percent less than last year's October 1 stocks. Barley stocks totaled 447 million bushels, 4 percent less than a year earlier.

All wheat stocks on October 1, totaled 2.29 billion bushels, 7 percent larger than last year. Farm storages contained 1.01 billion bushels of wheat, 44 percent of the total 1979 stocks. Rye in storage totaled nearly 25.9 million bushels, 8 percent greater than last year's 24.0 million bushels and 75 percent larger than two years ago.



## PRICES RECEIVED INDEX DOWN 5 POINTS PRICES PAID INDEX UP 2 POINTS

The October Index of Prices Received by Farmers decreased 5 points (2 percent) to 236 percent of its January-December 1967 average. Contributing most to the decrease since September were lower prices for cattle, hogs, soybeans, corn, broilers and calves. Higher prices for oranges, milk, grapefruit and wheat were partially offsetting. The index was 18 points (8 percent) above a year ago.

The mid-October Index of Prices Paid by farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates was 256, up 2 points (.8 percent) from mid-September. Higher prices for fuel and energy, fertilizer, motor supplies and building materials more than offset the lower prices paid for feeder pigs and used cars and trucks. The index was 32 points (14 percent) above the same month last year.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Oct. 15 1976	Oct. 15 1977	Oct. 15 1978	Sep. 15 1979	Oct. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	<u>3/</u> 170	<u>3/</u> 175	<u>3/</u> 199	211	202
All Crops.....	<u>3/</u> 170	<u>3/</u> 175	<u>3/</u> 203	219	207
Tobacco.....	173	174	205	220	207
Oil Bearing.....	205	<u>3/</u> 201	<u>3/</u> 215	<u>3/</u> 240	224
Grains.....	172	<u>3/</u> 130	<u>3/</u> 167	<u>3/</u> 198	204
Commercial Vegetables.....	<u>3/</u> 155	<u>3/</u> 182	187	<u>3/</u> 166	162
Fruits.....	<u>3/</u> 196	<u>3/</u> 194	236	247	227
Livestock and Livestock Products.....	<u>3/</u> 171	<u>3/</u> 176	<u>3/</u> 202	<u>3/</u> 197	192
Meat Animals.....	<u>3/</u> 163	<u>3/</u> 183	252	234	218
Poultry.....	176	<u>3/</u> 175	<u>3/</u> 182	177	175
Dairy.....	<u>3/</u> 169	<u>3/</u> 172	<u>3/</u> 184	<u>3/</u> 201	204
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	<u>3/</u> 178	<u>3/</u> 176	218	<u>3/</u> 241	236
Prices Paid, Commodities & Services <u>1/</u> ..	<u>3/</u> 191	202	224	254	256
Parity Ratio <u>2/</u> .....	<u>3/</u> 94	<u>3/</u> 87	97	95	92

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### CROP AND LIVESTOCK PRICES DOWN FEED PRICES DOWN

Average prices received for crops by North Carolina farmers at local markets about mid October were mixed compared to a month earlier. (See Table, Page 3.) Corn and oats were slightly higher, while soybeans were down 74 cents per bushel. Tobacco also dropped 8 cents per pound to \$1.37. Prices received for livestock were down from last month. Hogs at \$35.10 were down \$3.10 per hundredweight. Beef cattle at \$53.50 were down \$2.30 per hundredweight. Veal calves fell \$5.70 per hundredweight to \$76.20. Milk cows at \$1,070. remained unchanged

from last month.

Feed prices paid by the State's farmers during October were slightly higher than the previous month. Mixed dairy feeds with 16%, 18%, 20% and 32% protein were up \$8, \$12, \$9 and \$10 per ton respectively. Poultry feeds were mixed. Chick starter remained unchanged, broiler grower was down \$5 while laying feed and turkey grower were up \$2 and \$5 per ton respectively. In the high protein feeds category, cottonseed meal 41% protein and soybean meal 44% protein were up 50 cents per hundredweight.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Oct. 15 1978	Sep. 15 1979	Oct. 15 1979*	Oct. 15 1978	Sep. 15 1979	Oct. 15 1979*
		Dollars					
Tobacco.....	Lb.	1.347	1.448	1.370	1.358	1.449	1.382
Corn.....	Bu.	2.31	2.76	2.83	1.97	2.51	2.42
Wheat.....	Bu.	-	-	-	2.99	3.87	3.90
Oats.....	Bu.	2/ 1.16	2/ 1.12	1.23	1.08	1.31	1.30
Barley.....	Bu.	-	-	-	1.90	2.36	2.32
Sorghum Grains..	Cwt.	-	-	-	3.35	4.24	4.03
Soybeans.....	Bu.	2/ 6.22	2/ 7.36	6.62	6.26	6.81	6.21
Peanuts.....	Lb.	.220	-	.210	.214	.214	.210
Cotton.....	Lb.	-	-	-	.596	.568	.567
Wool.....	Lb.	-	-	-	.771	.802	.896
Hogs.....	Cwt.	50.50	38.20	35.10	50.80	37.50	34.00
Beef Cattle.....	Cwt.	44.40	55.80	53.50	53.20	66.90	65.10
Veal Calves.....	Cwt.	59.00	81.90	76.20	66.40	91.60	86.70
Milk Cows.....	Hd.	650.00	1,070.00	1,070.00	689.00	1,095.00	1,112.00
Com'l. Broilers..	Lb.	.240	.225	.215	.246	.234	.211
Turkeys.....	Lb.	.460	.380	.400	.457	.381	.401
Eggs L/.....	Doz.	.626	.651	.656	.527	.548	.522
Milk, Whlse.....	Cwt.	11.80	2/ 12.90	13.10	11.30	12.40	12.60
Potatoes.....	Cwt.	7.35	4.60	4.60	3.07	3.27	3.17
Sweet Potatoes..	Cwt.	5.50	4.40	3.40	7.37	7.87	6.43
Apples, Com'l...	Lb.	.112	.124	.103	.136	.158	.134
Hay, All.....	Ton	-	-	-	47.60	58.80	60.50
Alfalfa Hay....	Ton	-	-	-	50.40	63.90	65.80
Other.....	Ton	-	-	-	40.90	46.60	47.80

L/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Oct. 15 1978	Sep. 15 1979	Oct. 15 1979	Oct. 15 1978	Sep. 15 1979	Oct. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	130.00	151.00	152.00
14% Protein.....	144.00	158.00	166.00	138.00	160.00	163.00
16% Protein.....	149.00	157.00	169.00	149.00	173.00	178.00
18% Protein.....	150.00	171.00	180.00	150.00	176.00	180.00
20% Protein.....	192.00	215.00	225.00	203.00	231.00	239.00
32% Protein.....						
Poultry Feeds						
Chick Starter.....	177.00	198.00	198.00	172.00	198.00	198.00
Broiler Grower.....	172.00	185.00	180.00	169.00	195.00	196.00
Laying Feed L/.....	152.00	171.00	173.00	150.00	173.00	174.00
Turkey Grower L/....	196.00	210.00	215.00	183.00	206.00	207.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.60	8.10	8.30	7.28	8.45	8.64
Middlings.....	7.40	7.70	8.00	7.23	8.33	8.54
Corn Meal.....	6.10	7.10	6.80	5.82	6.85	6.87
High Protein Feeds						
Cottonseed Meal 41%.	12.00	13.50	14.00	10.90	12.20	12.40
Soybean Meal 44%....	12.50	13.00	13.50	11.80	13.20	13.20

L/ Complete ration feeds which are fed without further mixing or supplementations.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 30.8 million broiler-type chicks during September 1979. This represents a 6 percent increase over production during the same period last year. Egg-type hatch at .3 million eggs was 28 percent below September 1978.

For the Nation, egg-type chicks hatched during September 1979 totaled

35.8 million, 4 percent less than a year ago. Eggs in incubators on October 1, 1979 at 35.4 million were down 3 percent from a year ago. Chickens in egg-type breeder flocks tested for pullorum-typhoid during September totaled 231 thousand, down 47 percent from September 1978. The number in flocks tested January through September was 2.78 million, down 5 percent from the same period a year earlier.

### CHICKS HATCHED -- SEPTEMBER

STATE	BROILER-TYPE		1979 AS % OF 1978	EGG-TYPE		1979 AS % OF 1978
	1978	1979		1978	1979	
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	28,968	30,784	106	440	315	72
South Carolina	3,590	3,405	95	695	733	105
Georgia	45,604	45,988	101	3,345	3,755	112
Florida	7,487	8,074	108	3,030	2,927	97
Delaware	12,644	10,356	82	<i>L/</i>	<i>L/</i>	-
Maryland	16,852	20,342	121	<i>L/</i>	<i>L/</i>	-
Virginia	10,141	12,266	121	435	443	102
UNITED STATES	296,124	320,118	108	37,180	35,780	96

*L/ Not published separately to avoid disclosing individual operations.*

## U. S. TURKEY HATCH UP 43 PERCENT

The hatch of 8.00 million turkey poults during September 1979 was 43 percent larger than a year ago. The hatch of heavy breeds was up 40 percent from a year earlier and the light breed hatch was up 69 percent.

The 12.0 million turkey eggs in incubators on October 1, 1979 were 39 percent more than a year earlier. Eggs set

for heavy breed turkeys were 33 percent above last year and light breeds were up 95 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 317 thousand, a decline of 10 percent from September 1978. Testing for July through September totaled 898 thousand, an increase of 7 percent from the same period a year ago.

## ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS OCTOBER 1			POULTS HATCHED DURING SEPTEMBER		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	126	17	13	13	23	177
East North Central	1,443	1,777	123	812	1,022	126
West North Central	2,140	3,379	158	1,464	2,276	155
South Atlantic	3,183	3,876	122	2,345	2,780	119
South Central	593	1,371	231	328	788	240
West	1,155	1,592	138	648	1,107	171
UNITED STATES	8,640	12,012	139	5,610	7,996	143



## LAYERS AND EGG PRODUCTION -- SEPTEMBER

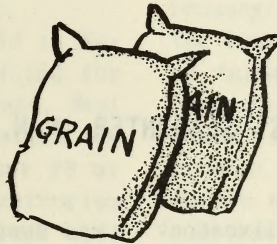
STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	13,300	13,325	1,983	1,905	264	254
Virginia	3,890	4,015	1,935	1,923	75	77
South Carolina	5,650	6,338	2,091	2,064	118	131
Georgia	24,000	25,800	1,968	1,980	472	511
Florida	12,171	11,425	1,938	2,043	236	233
UNITED STATES	280,393	283,817	1,954	1,957	5,478	5,553

## SEPTEMBER EGG PRODUCTION UP

The laying flocks in the Tar Heel State produced an estimated 254 million eggs during September which is 4 percent less than September 1978. The average number of layers on hand during the month was 13.3 million, about the same as the previous year. The rate of lay per 100

layers decreased 4 percent from September last year.

The Nation's laying flock produced 5.55 billion eggs during September, 1 percent more than a year ago. The number of layers on hand during the month averaged 284 million compared to 280 million a year earlier.



## STOCKS OF GRAIN -- OCTOBER 1

CROP	OFF-FARM TOTAL <i>L/</i>		ON-FARM TOTAL		TOTAL ALL POSITIONS	
	1978	1979	1978	1979	1978	1979
	<i>Thousand Bushels</i>					
<u>NORTH CAROLINA</u>						
Corn (Old Crop)	1,331	3,040	545	1,290	1,876	4,330
Wheat	1,485	2,009	2,910	3,567	4,395	5,576
Oats	2,247	2,426	1,748	1,125	3,995	3,551
Barley	1,384	1,328	680	565	2,064	1,893
Rye	166	156	105	*	271	*
Sorghum (Old Crop)	53	89	*	*	*	*
<u>UNITED STATES</u>						
Corn (Old Crop)	659,285	775,702	444,708	509,438	1,103,993	1,285,140
Wheat	1,032,852	1,013,144	1,104,169	1,275,772	2,137,021	2,288,916
Oats	550,727	474,028	115,008	102,277	665,735	576,305
Barley	338,701	298,289	129,611	149,066	468,312	447,355
Rye	17,120	17,540	6,877	8,333	23,997	25,873
Sorghum (Old Crop)	56,366	40,813	134,477	118,683	190,843	159,496

*L/* Includes stocks at mills, elevators, warehouses, terminals and processors.

\* Unpublished to avoid disclosing individual operations.



NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER *//*

SPECIES	AUGUST				JANUARY THROUGH AUGUST			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	10.7	6.8	9,970	6,640	102.9	63.2	92,056	60,323
Calves	.3	.2	85	68	3.5	1.6	927	496
Sheep & Lambs	.1	.1	10	8	.6	.4	51	29
Hogs	168.9	197.5	37,261	42,629	1,266.7	1,422.9	280,770	316,663
TOTAL	180.0	204.6	47,326	49,345	1,373.7	1,488.1	373,804	377,511
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.5	3.0	3,566	3,193	26.6	22.6	27,360	23,897
Calves	.3	.2	84	57	2.9	1.9	713	469
Sheep & Lambs	.5	.4	50	48	3.6	3.3	400	377
Hogs	6.5	8.0	1,546	1,904	50.6	56.7	12,027	13,683
TOTAL	10.8	11.6	5,246	5,202	83.7	84.5	40,500	38,426

*//* Includes slaughter under Federal Inspection and other commercial slaughter, excludes farm slaughter.

## AUGUST SLAUGHTER IN N. C. UP

Commercial slaughter of livestock in the Tar Heel State during August was estimated at 49.3 million pounds live weight, up 4 percent from August a year earlier.

Hog slaughter at 42.6 million pounds live weight was up 14 percent or 5.4 million pounds from August a year earlier. Cattle slaughter at 6.6 million pounds was down 33 percent or 3.3 million pounds from last year. Calf slaughter also dropped 17,000 pounds from last year, but the big increase in hog slaughter more than offset the drop in cattle and calves.

The average live weight per head for cattle slaughtered was 976 pounds, up 43 pounds from August last year. The average live weight for calves was 342 pounds, up 80 pounds from a year earlier. Hog average live weight per head

was down 5 pounds from a year earlier to 216.

Commercial red meat production in North Carolina during August totaled 34.2 million pounds, up 8 percent from August 1978.

Commercial red meat production for the United States during August 1979 totaled 3.33 billion pounds, up 2 percent from August 1978. January--August red meat production, at 24.4 billion pounds, was 3 percent below last year.

Comparing August 1979 with August 1978: Beef production at 1.92 billion pounds was down 8 percent. Head kill at 3.03 million was down 12 percent, while average live weight increased 23 pounds to 1054. Veal production at 34 million pounds was down 32 percent. Calf slaughter at 241 thousand head was down

(Cont'd. on Page 7.)



## AUGUST SLAUGHTER UP *(Cont'd. From Page 6)*

31 percent and average live weight declined 6 pounds to 235. Pork production totaled 1.35 billion pounds, up 23 percent. The 7.96 million head killed was up 23 percent and was a record kill for the month of August. The kills for May and July were also monthly records. The average live weight of hogs was 239

pounds, unchanged from 1978. Preliminary lard production was 99 million pounds, up 21 percent. Lamb and mutton production declined 8 percent to 23 million pounds. Head kill at 435 thousand was down 5 percent, while average live weight was unchanged at 109 pounds.

## DIALOG ON FARM STRUCTURE

In keeping with his call for a national dialogue on issues affecting the structure of U. S. agriculture, Secretary Bob Bergland will conduct 10 public meetings across the Nation.

The meetings will be held in November and December. The meeting for North Carolina, Delaware, Maryland, West Virginia, Virginia, South Carolina and Kentucky will be held November 28 at Cumberland County Memorial Auditorium in Fayetteville, N. C. Bergland will seek the views of organizations and individuals who have a stake in agriculture--from farmers to consumers.

How can a citizen participate in the dialogue? USDA has established a contact for anyone wanting to express his or her views or to seek additional information. Requests to speak at the meetings should be sent to: Project Coordinator, Structure of Agriculture, USDA, Washington, D.C., 20250. Include your name, mailing address, phone number, organization represented (if any) and a brief identification of the issues you will address. Scheduled speakers will be notified of the time they will appear on the program.

Persons wishing to speak but unable to attend one of the meetings should send their comments to the project co-

ordinator. These comments will be made part of the public record.

Bergland listed 12 broad areas of concern: land ownership, control and tenancy; barriers to entering and leaving farming; production efficiency, size of farms and the role of technology; government programs; tax and credit policies; farm input supply system; farm product marketing system; present and future energy supplies; environmental concerns, including conservation and use of soil and water; returns to farmers; costs to consumers; and quality of life in rural areas.

Bergland said he wants to know how these 12 concerns have affected local farms and communities and what changes in public policy might be needed in the future.

"Our immediate goal is to collect and evaluate all the information we can about the current structure of agriculture and the forces which affect it," Bergland said. "It's important that we get as much public input as possible, so we can eventually establish national policies and programs that will best promote the kind of agriculture and rural life Americans want for the future."



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U.S. Department of Agriculture / N.C. Department of Agriculture

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# NORTH CAROLINA FARM REPORT



NORTH CAROLINA  
Crop & Livestock  
Reporting Service

NOV 26 1979

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## OCTOBER GENERAL SITUATION

Fall harvest activities during October, although a little behind last year's schedule, made satisfactory progress. Favorable weather aided harvest progress during much of the month except during the first week when temperatures were cooler than normal and rainfall associated with a front was heaviest in the Mountain Region. Frost was noted over the western half of the state as low temperatures dipped into the 30's mainly over the western portions. High pressure systems dominated the second half of October's weather resulting in moderating temperatures with day time highs near or above record levels east of the mountains. A reinforcement of colder air was noted near the end of October as a Canadian air mass spread Southeast resulting in some heavy frost through much of the Piedmont into the Coastal Plain.

Corn for grain harvest averaged 89% complete by the end of October trailing the previous year's pace of 94% combined but slightly ahead of the five-year average (1974-1978) of 87%. Peanut harvest began later than normal this

(See General Situation, Page 7.)

## RECORD SOYBEAN CROP FORECAST

Based on crop conditions around November 1, North Carolina soybean production is forecast at a record high 44.4 million bushels, unchanged from last month's forecast but eight percent above last year's record high crop of 41.2 million bushels. The average yield per acre at 24 bushels is unchanged from last month's forecast but down one-half bushel from last year. Acreage for harvest is estimated at a record high 1.85 million acres, up 10 percent from last year's record high 1.68 million acres. Harvest was 43 percent complete on November 11, trailing last year's rate of 50 percent but ahead of the five-year average of 34 percent. As of November 11, about 87 percent of the crop has dropped leaves. U. S. soybean production is forecast at a record high 2.24 billion bushels, up one percent from last month's forecast and 20 percent above the previous record high set in 1978. The average yield per acre is forecast at a record high 31.8 bushels, up 2.3 bushels from 1978. Acreage for harvest is estimated at 70.2 million acres, up 11 percent from the 63.3 million acres harvested in 1978.

## NOVEMBER 1, 1979 CROP PRODUCTION HIGHLIGHTS

CROP	NORTH CAROLINA		UNITED STATES	
	Production	% Change From 1978	Production	% Change From 1978
Flue-Cured Tobacco, lbs..	613,600,000	- 26	950,371,000	- 23
Burley Tobacco, lbs.....	14,450,000	- 31	515,965,000	- 18
Corn, bu.....	130,900,000	+ 8	7,585,535,000	+ 7
Soybeans, bu.....	44,400,000	+ 8	2,235,869,000	+ 20
Peanuts, lbs.....	406,700,000	- 13	4,030,180,000	+ 1
Cotton, bales.....	48,000	+ 7	14,544,000	+ 34



## FLUE-CURED POUNDAGE DOWN SHARPLY

As of November 1, the North Carolina flue-cured tobacco crop is forecast at 614 million pounds, down 7% from the October 1 forecast and 26% less than last year's production of 828 million pounds. This year's production is the lowest since 1943. The average yield per acre for all flue-cured is expected to average 1,865 pounds, 77 pounds less than forecast a month earlier and 259 pounds less than the 1978 yield. Acreage for harvest at 329,000 acres is down 11,000 acres or 3% from last month's estimate and down 61,000 acres or 16% from

last year.

U. S. flue-cured tobacco production is forecast at 950 million pounds, down 6% from the October 1 forecast and down 23% from the 1978 production of 1.23 billion pounds. The yield per acre for all flue-cured is expected to average 1,886 pounds, down 63 pounds from the forecast a month earlier and 204 pounds less than the 1978 average yield. Acreage for harvest at 504,000 acres is down 3% from last month's estimate and down 14% from last year.

### FLUE-CURED TOBACCO, BY TYPE, NOVEMBER 1, 1979

STATE	TYPE	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indi-cated 1979	1977	1978	Indi-cated 1979	1977	1978	Indi-cated 1979
		<i>Thousands</i>			<i>Pounds</i>			<i>Thousand Pounds</i>		
Virginia	11	61.0	56.0	54.0	1,795	1,850	1,750	109,495	103,600	94,500
N. C.	11	160.0	155.0	130.0	1,770	1,940	1,750	283,200	300,700	227,500
N. C.	12	177.0	186.0	159.0	1,955	2,255	1,900	346,035	419,430	302,100
N. C.	13	46.0	49.0	40.0	1,995	2,210	2,100	91,770	108,290	84,000
N.C. Total	11-13	383.0	390.0	329.0	1,883	2,124	1,865	721,005	828,420	613,600
S. C.	13	68.0	71.0	57.0	2,040	2,120	2,075	138,720	150,520	118,275
Georgia	14	65.0	61.0	53.0	2,075	2,060	1,925	134,875	125,660	102,025
Florida	14	11.7	10.5	10.5	2,100	2,100	2,000	24,570	22,050	21,000
Alabama	14	.6	.5	.5	1,900	1,870	1,850	1,045	972	971
U.S. TOTAL	11-14	589.3	589.0	504.0	1,917	2,090	1,886	1,129,710	1,231,222	950,371

### BURLEY PRODUCTION DOWN SHARPLY

Burley tobacco production in North Carolina is forecast at 14.5 million pounds, down 6% from the October 1 forecast and 31% less than the previous season. The average yield per acre is forecast at 1,700 pounds, down 100 pounds from last month's forecast and 715 pounds below last year.

U. S. burley tobacco production is

forecast at 516 million pounds, down 2% from the October 1 forecast and 18% below the 1978 crop. The average yield per acre is forecast at 2,086 pounds, down 46 pounds from last month's forecast and 313 pounds below last year. Acreage for harvest is estimated at 247,300 acres, unchanged from the previous month's estimate but 5% below 1978.



# NORTH CAROLINA CORN ACREAGE, YIELD AND PRODUCTION BY DISTRICTS, NOVEMBER 1, 1979 WITH COMPARISONS

DISTRICT	Area Harvested			Yield Per Acre			Production		
	1977	1978	Ind. 1979	1977	1978	Ind. 1979	1977	1978	Ind. 1979
	<i>1,000 Acres</i>			<i>Bushels</i>			<i>1,000 Bushels</i>		
N. Mountain	44.3	38.2	42	44.4	74.2	72	1,965	2,832	3,020
W. Mountain	29.6	28.8	30	53.1	73.6	73	1,571	2,120	2,190
N. Piedmont	104.0	96.0	98	29.5	61.0	62	3,072	5,856	6,080
C. Piedmont	86.4	92.0	90	26.9	62.1	69	2,327	5,711	6,210
S. Piedmont	76.0	75.0	82	27.2	69.8	71	2,065	5,238	5,820
N. Coastal	427.5	399.0	426	71.1	87.9	80	30,401	35,089	34,080
C. Coastal	539.0	473.0	514	50.0	78.0	82	26,952	36,894	42,150
S. Coastal	433.2	398.0	418	47.1	70.0	75	20,387	27,860	31,350
N. Carolina	1,740.0	1,600.0	1,700	51.0	76.0	77	88,740	121,600	130,900

## RECORD U. S. CORN CROP FORECAST

Corn production in North Carolina is forecast at 131 million bushels, up 8% from a year ago. The average yield per acre at 77 bushels is unchanged from last month but up 1 bushel from last year. Acreage for harvest is estimated at 1.7 million acres, up 6% from 1978. Combining was 94% complete by November 11. The progress of harvest is a little ahead of the five-year average of 90% but behind last year's rate which showed harvest virtually complete by this date. Combining is nearing completion in the Coastal Plains Region.

U. S. corn production for grain is

forecast at a record large 7.59 billion bushels, 3% above the October 1 forecast and 7% above the previous record set last year. The average yield per acre is forecast at a record high 109.2 bushels, up 2.8 bushels from last month's forecast and 8.0 bushels above last year. Acreage for grain is estimated at 69.5 million acres, down 1% from last year. Progress of corn harvest continues to lag last year and average. By the end of October, growers had harvested just over half their crop, while normal progress for this date is nearly three-fourths complete.

## CORN FOR GRAIN: North Carolina Percentage Distribution By Row Width and Average Row Width, 1977-79

YEAR	Number Of Samples	ROW WIDTH (Inches) $\angle$							Average Row Width
		30.5 Or Less	30.6- 32.5	32.6- 34.5	34.6- 36.5	36.6- 38.5	38.6- 40.5	40.6 & Greater	
	<i>Number</i>	<i>Percent Of Samples</i>							<i>Inches</i>
1977	104	3.8	1.0	1.0	18.3	37.5	25.0	13.4	37.9
1978	101	1.0	2.0	3.0	25.7	37.6	23.8	6.9	37.6
1979	112	-	-	.9	26.8	41.1	22.3	8.9	37.8

$\angle$  Spacings based on row measurements in sample plots selected for objective yield determinations.



# NORTH CAROLINA: Estimated Acreage, Yield and Production Of Crops, November 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands						Thousands		
Corn for Grain.....	Bu.	1,740	1,600	1,700	51.0	76.0	77.0	88,740	121,600	130,900
Wheat, Winter.....	Bu.	200	180	205	30.0	33.0	35.0	6,000	5,940	7,175
Oats.....	Bu.	75	95	90	42.0	55.0	55.0	3,150	5,225	4,950
Barley.....	Bu.	55	59	62	40.0	51.0	51.0	2,200	3,009	3,162
Rye.....	Bu.	21	20	20	19.0	23.0	23.0	399	460	460
Tobacco: Flue-Cured.....	Lb.	383.0	390.0	329.0	1,883	2,124	1,865	721,005	828,420	613,600
Burley.....	Lb.	9.6	8.7	8.5	2,450	2,415	1,700	23,520	21,011	14,450
All Types.....	Lb.	392.6	398.7	337.5	1,896	2,131	1,861	744,525	849,431	627,950
Cotton <u>L</u> /.....	Lb.	83	42	46	305	515	501	53	45	48
Sorghum for Grain.....	Bu.	72	86	80	37.0	52.0	55.0	2,664	4,472	4,400
Irish Potatoes: Spring..	Cwt.	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
Summer..	Cwt.	4.0	4.0	4.1	125	125	125	500	500	513
All.....	Cwt.	17.4	17.0	17.8	156	144	156	2,711	2,450	2,774
Sweet Potatoes.....	Cwt.	33.0	37.0	39	135	140	140	4,455	5,180	5,460
Soybeans for Beans.....	Bu.	1,320	1,680	1,850	22.0	24.5	24.0	29,040	41,160	44,400
Peanuts for Nuts.....	Lb.	166	166	166	2,675	2,825	2,450	444,050	468,950	406,700
Hay: Alfalfa & Mixtures.	Ton	16	17	17	2.30	2.70	2.80	37	46	48
All Other.....	Ton	334	343	338	1.45	1.65	1.65	484	566	558
All Kinds.....	Ton	350	360	355	1.49	1.70	1.71	521	612	606
Pasture Condition <u>2</u> /....	%	73	68	87	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	35,000	45,000	48,000
Apples, Commercial.....	Lb.	-	-	-	-	-	-	270,000	324,000	350,000
Grapes, All.....	Ton	-	-	-	-	-	-	4.65	6.80	8.50
Pecans, Improved.....	Lb.	-	-	-	-	-	-	1,100	2,800	2,100
Wild & Seedlings	Lb.	-	-	-	-	-	-	900	1,200	900
All.....	Lb.	-	-	-	-	-	-	2,000	4,000	3,000

L Production in 480 lb. NWB. 2 Data shown for pastures represent condition on November 1.



# UNITED STATES: Estimated Acreage, Yield and Production Of Crops, November 1, 1979, With Comparisons

CROPS	UNIT	HARVESTED ACRES			YIELD PER ACRE			PRODUCTION		
		1977	1978	Indicated 1979	1977	1978	Indicated 1979	1977	1978	Indicated 1979
		Thousands						Thousands		
Corn for Grain.....	Bu.	70,872	69,970	69,476	90.7	101.2	109.2	6,425,457	7,081,849	7,585,535
Wheat, Winter.....	Bu.	48,664	38,909	43,496	31.6	32.1	36.7	1,537,113	1,248,272	1,595,591
Wheat, All.....	Bu.	66,461	56,839	62,227	30.6	31.6	34.0	2,036,318	1,798,712	2,113,897
Oats.....	Bu.	13,452	11,531	10,002	55.8	52.2	53.1	750,901	601,477	531,232
Barley.....	Bu.	9,564	9,233	7,445	43.9	48.4	48.9	420,159	447,008	364,237
Rye.....	Bu.	704	995	936	24.6	26.3	25.4	17,312	26,160	23,736
Tobacco: Flue-cured....	Lb.	589.3	589.0	504.0	1,917	2,090	1,886	1,129,710	1,231,222	950,371
Burley.....	Lb.	268.6	261.0	247.3	2,298	2,399	2,086	617,280	626,263	515,965
All Types.....	Lb.	957.5	948.1	841.6	1,997	2,135	1,914	1,912,114	2,024,508	1,610,648
Cotton <u>L</u> /.....	Lb.	13,275	12,370	13,037	520	421	535	14,389	10,856	14,544
Sorghum for Grain.....	Bu.	14,092	13,581	12,955	56.3	55.1	63.7	792,983	748,410	825,365
Irish Potatoes: Spring..	Cwt.	91.4	90.9	89.4	250	198	258	22,870	17,963	23,060
Summer..	Cwt.	115.2	111.9	107.7	191	189	206	21,982	21,167	22,147
Sweet Potatoes.....	Cwt.	112.4	120.6	122.2	110	119	122	12,395	14,301	14,849
Soybeans for Beans.....	Bu.	57,612	63,343	70,249	30.6	29.5	31.8	1,761,755	1,870,181	2,235,869
Peanuts for Nuts.....	Lb.	1,516	1,512	1,525	2,457	2,639	2,643	3,726,015	3,988,624	4,030,180
Hay: Alfalfa & Mixtures.	Ton	27,075	27,707	27,259	2.97	3.13	3.16	80,403	86,745	86,210
All Other.....	Ton	33,583	33,788	33,601	1.52	1.64	1.69	50,910	55,519	56,825
All Kinds.....	Ton	60,658	61,495	60,860	2.16	2.31	2.35	131,313	142,264	143,035
Pasture Condition <u>2</u> /....	%	78	73	77	-	-	-	-	-	-
Peaches, All.....	Lb.	-	-	-	-	-	-	2,983,000	2,701,000	2,924,300
Apples, Commercial.....	Lb.	-	-	-	-	-	-	6,672,600	7,633,400	7,582,500
Grapes, All.....	Ton	-	-	-	-	-	-	4,298	4,567	4,739
Pecans, Improved.....	Lb.	-	-	-	-	-	-	137,900	164,500	103,000
Wild & Seedlings	Lb.	-	-	-	-	-	-	98,700	86,200	147,300
All.....	Lb.	-	-	-	-	-	-	236,600	250,700	250,300

*L*/ U. S. includes American-Pima. Production in 480-lb. NWB. *L*/ Data shown for pastures represent condition on November 1.



**MEASURED ROW SPACING OF SOYBEANS: North Carolina Percentages  
Distribution And Average Width, 1977-79 //**

YEAR	Number Of Samples	ROW WIDTH GROUPS (Inches)					Average Width <u>2/</u> (Inches)
		10.0 & Less <u>2/</u>	10.1- 18.5	18.6- 28.5	28.6- 34.5	34.6 & Greater	
	<i>Number</i>	<i>Percent of Plots</i>					<i>Inches</i>
1977	69	7.2	.7	10.1	6.5	75.4	34.5
1978	69	5.8	8.0	5.1	8.0	73.2	34.1
1979	74	4.1	6.1	4.7	4.7	80.4	35.1

*// Based on row measurements in plots selected for objective yield samples. 1977 and 1978 resummarized. 2/ Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.*

**SOYBEANS: Distribution Of Major Varieties, Selected Objective  
Yield States, Percent Of Acreage Harvested, 1979 Crop //**

STATE	LEADING VARIETIES BY PERCENT OF ACREAGE HARVESTED					
	First		Second		Third	
	<i>Name</i>	<i>Percent</i>	<i>Name</i>	<i>Percent</i>	<i>Name</i>	<i>Percent</i>
Georgia	Bragg	60.3	Davis	8.5	Hutton	7.8
Kentucky	Essex	46.2	Forrest	13.6	Mitchell	12.1
NORTH CAROLINA	Forrest	26.4	Ransom	25.0	Bragg	22.3
South Carolina	Bragg	40.4	Ransom	20.5	Coker <u>2/</u>	14.4
Tennessee	Forrest	34.1	Essex	22.8	Bedford	16.8

*// Reported for sample fields used for obtaining objective yield data.*

*2/ Includes varieties with additional numerical designations such as Amsoy "71", Pickett "71", etc.*

**CORN FOR GRAIN: Plant Population Per Acre, Selected States, 1975-79 //**

STATE	1975	1976	1977	1978	1979
	<i>Number Of Plants</i>				
Colorado	20,500	21,400	22,900	23,300	23,800
Georgia	11,500	12,900	14,100	14,100	14,400
Illinois	18,400	20,100	20,100	19,600	20,600
Indiana	18,000	19,500	19,100	19,300	20,000
Iowa	18,500	18,800	18,800	19,800	20,300
Kansas	17,500	18,700	20,800	20,600	20,800
Kentucky	15,000	16,100	15,800	17,000	16,800
Michigan	17,300	16,200	18,300	18,600	19,000
Minnesota	18,200	18,000	19,100	20,000	20,200
Missouri	14,500	14,500	15,600	15,100	15,400
Nebraska	15,400	16,700	17,600	19,000	18,400
NORTH CAROLINA	15,200	17,000	17,900	17,300	18,300
Ohio	18,200	18,600	20,200	19,900	20,700
Pennsylvania	16,500	17,300	18,000	18,500	18,600
South Dakota	12,800	12,600	11,700	13,300	13,700
Texas	NA	20,700	20,600	20,100	20,600
Virginia	16,400	17,500	17,800	16,700	18,200
Wisconsin	17,900	18,200	19,700	20,100	19,600

*// Based on stalk counts in plots selected for objective yield samples.*



## GENERAL SITUATION (Cont'd. From Page 1)

year due to a late maturing crop from the excessive rainfall early in the season. Although harvest was only 82% complete near the end of October and trailing last year's pace of 95% dug which is around average, peanut prospects are still rated fair to good. The soybean crop remains in fair to mostly good condition at the end of October. Harvesting of soybeans got underway around mid-month and made average progress. About two-thirds of the soybean crop had dropped leaves by the end of

October.

The outlook for cotton is rated generally fair to good especially in the major producing northern and southern Coastal Plains Districts. The crop was about 40% harvested by the end of October, slightly behind last year's amount picked but a little ahead of the five-year (1974-1978) average. About 90% of the cotton had opened bolls by the end of October. Sweet potato harvest is nearing completion on schedule with good to excellent yields expected.

### N. C. PEANUT PRODUCTION DOWN

The North Carolina peanut crop is forecast at 407 million pounds, down six percent from last month's forecast and 13 percent below the 1978 crop. The average yield per acre is forecast at 2,450 pounds, 150 pounds below last month's forecast and 375 pounds less than a year ago.

U. S. peanut production is forecast at 4.03 billion pounds, down one percent from the October 1 forecast but still a record high crop. This compares with the previous record of 3.99 billion pounds produced last year. The expected yield of 2,643 pounds per acre is down 39 pounds from last month but up 4 pounds from last year. Acres for harvest, at 1.52 million remain unchanged from a month earlier. Actual yields realized are down from earlier expectations because of adverse weather conditions.

### COTTON PRODUCTION INCREASES

The North Carolina cotton crop is up seven percent from last year and is forecast at 48,000 bales, the same as forecast a month earlier. The average yield per acre at 501 pounds is down 14 pounds from 1978. Acreage for harvest increased 10 percent to 46,000 acres this year. Harvest was about on schedule November 11, at 62 percent complete but trails last year's rapid progress of 77 percent by the same date.

U. S. cotton production is forecast at 14.5 million bales, up one percent from the October 1 forecast and 34 percent more than last year's crop. Expected production consists of 14.4 million bales of Upland and 111 thousand bales of American-Pima. Cottonseed production, based on a three year average lint-seed ratio, is forecast at 5.67 million tons, 33 percent above 1978.

### NORTH CAROLINA VEGETABLES FOR FRESH MARKET, Summer Quarter

CROP	Area Harvested		Yield Per Acre		Production		Value Of Production	
	1978	1979	1978	1979	1978	1979	1978	1979
	Acres		Cwt.		1,000 Cwt.		1,000 Dollars	
Snap Beans	3,700	3,600	40	35	148	126	3,656	3,415
Cabbage	2,900	2,900	185	230	537	667	4,266	3,028
Sweet Corn	4,700	4,900	53	49	249	240	2,241	2,400
Cucumbers	5,100	4,300	55	58	281	249	3,260	2,191
Green Peppers	6,700	7,000	37	37	248	259	5,034	3,911
Tomatoes	2,000	1,700	135	140	270	238	3,942	4,546
Watermelons	7,400	7,400	57	56	422	414	1,338	1,656



## OCTOBER MILK PRODUCTION UP

Milk production in North Carolina during October was estimated at 132 million pounds, an increase of 1 percent above October, 1978. The number of milk cows on Tar Heel farms was estimated at 140,000 head, 2,000 less than a year

ago. However, the average milk production per cow at 940 pounds was up 15 pounds from October a year earlier.

The average price per head for milk cows for dairy herd replacement was estimated at \$1,070.

## MILK COWS AND MILK PRODUCTION -- OCTOBER

STATE	MILK COWS ON FARMS //		MILK PER COW		MILK PRODUCTION		
	1978	1979	1978	1979	Pounds		1979 As % Of 1978
					1978	1979	
	Thousands		Pounds		Millions		Percent
NORTH CAROLINA.	142	140	925	940	131	132	101
Maryland.....	134	129	950	970	127	125	98
Virginia.....	173	171	925	960	160	164	102
Georgia.....	129	127	860	850	111	108	97
Florida.....	191	187	795	815	152	152	100
UNITED STATES..	10,837	10,762	907	937	9,832	10,081	103

// Includes dry cows. Excludes heifers not yet fresh.

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U.S. Department of Agriculture / N.C. Department of Agriculture

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# NORTH CAROLINA FARM REPORT



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## CROP AND LIVESTOCK PRICES DOWN FEED PRICES DOWN

Average prices received for crops by North Carolina farmers at local markets about mid November were mixed compared to a month earlier. (See Table, Page 3.) Corn and tobacco was slightly higher, while soybeans were down 24 cents per bushel. Prices received for livestock were mixed. Hogs at \$34.20 were down 90 cents per hundredweight. Beef cattle at \$53.80 were up 30 cents per hundredweight. Veal calves jumped \$2.80 per hundredweight to \$79.00. Milk cows at \$1,065. were down from last month.

Feed prices paid by the State's farmers during November were down slightly from the previous month. Mixed dairy feeds with 16%, 18%, 20% and 32% protein were down \$3, \$2, \$2, and \$5 per ton respectively. Poultry feeds were mixed. Chick starter was down \$2.00. Broiler grower was up \$5 while laying feed and turkey grower was down \$1 and \$5 per ton respectively. In the high protein feeds category, cottonseed meal 41% protein and soybean meal 44% protein were down 50 cents per hundredweight.

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## PRICES RECEIVED INDEX DOWN

The 'All Farm Products' index of prices received by North Carolina farmers at local markets during November was 201 (1967 = 100), down 1 point from October\* 1979.

The 'All Crops Index' at 201 was down 6 points from last month, but remained 5 points above October 1978. Tobacco was down 9 points and oil bearing crops dropped 11 points. Grains showed a gain of 3 points to 204.

The 'Livestock and Livestock Products Index' was up 8 points from last month to 200. Meat animals dropped 2 points to 216 while poultry was up 14 points to 189. Dairy was up 5 points to 209.

(See Table, Page 2.)

## OCTOBER EGG PRODUCTION DOWN

The laying flocks in the Tar Heel State produced an estimated 266 million eggs during October which is 3 percent less than October 1978. The average number of layers on hand during the month was 13.6 million, about the same as the previous year. The rate of lay per 100 layers decreased 3 percent from October last year.

The Nation's laying flock produced 5.79 billion eggs during October, 1 percent more than a year ago. The number of layers on hand during the month averaged 287 million compared to 285 million a year earlier.



## PRICES RECEIVED INDEX UP 1 POINT PRICES PAID INDEX UNCHANGED

The November Index of Prices Received by Farmers increased 1 point ( $\frac{1}{2}$  percent) to 237 percent of its January-December 1967 average. Contributing most to the increase since October were higher prices for broilers, eggs, oranges, tomatoes and milk. Lower prices for cattle, corn, grapefruit, lemons and wheat were partially offsetting. The index was 21 points (10 percent) above a year ago.

The mid-month Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes and Farm Wage Rates was unchanged from October at 256. Lower prices for livestock feeds were offset by higher prices for other production items and the family living component. The index was 31 points (14 percent) above a year earlier.

### NORTH CAROLINA AND UNITED STATES FARM PRICES INDEX NUMBERS

INDEX (1967 = 100)	Nov. 15 1976	Nov. 15 1977	Nov. 15 1978	Oct. 15 1979	Nov. 15 1979
<b>NORTH CAROLINA</b>					
Prices Received: All Farm Products....	<u>3/</u> 168	166	<u>3/</u> 196	202	201
All Crops.....	<u>3/</u> 170	<u>3/</u> 161	196	207	201
Tobacco.....	164	<u>3/</u> 151	191	207	198
Oil Bearing.....	208	<u>3/</u> 203	<u>3/</u> 219	224	213
Grains.....	161	<u>3/</u> 153	171	<u>3/</u> 201	204
Commercial Vegetables.....	<u>3/</u> 158	<u>3/</u> 186	<u>3/</u> 219	162	175
Fruits.....	<u>3/</u> 190	<u>3/</u> 189	253	227	250
Livestock and Livestock Products.....	166	<u>3/</u> 174	<u>3/</u> 206	192	200
Meat Animals.....	154	<u>3/</u> 178	250	218	216
Poultry.....	171	<u>3/</u> 171	<u>3/</u> 190	175	189
Dairy.....	<u>3/</u> 169	<u>3/</u> 175	186	204	209
<b>UNITED STATES</b>					
Prices Received, All Farm Products.....	173	<u>3/</u> 179	<u>3/</u> 216	236	237
Prices Paid, Commodities & Services <u>1/</u> .....	<u>3/</u> 191	202	225	256	256
Parity Ratio <u>2/</u> .....	<u>3/</u> 91	<u>3/</u> 89	96	92	93

1/ Including Interest, Taxes and Farm Wage Rates. 2/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid. 3/ Revised.

### NORTH CAROLINA FARM LABOR FORCE UP

The number of workers on North Carolina farms during the week of October 7-13, 1979 was estimated at 133,000, 9% above the same quarter in 1978. The number of farm operators and unpaid family members rose 11% to 88,000 when compared to the same period last year. All hired workers as 45,000 increased 5% from October 1978. (See Table, Page 6.) Farm labor estimates are done on a quarterly basis.

Employment on United States farms during the survey week of October 7-13, 1979, was estimated at 3.94 million workers, 3 percent less than October 1978. Family workers, consisting of farm operators working one hour or more and unpaid family members working 15 hours or more, totaled 2.53 million, 9 percent less than last October. Hired labor totaled 1.42 million, an increase of 8 percent over a year ago.



## PRICES RECEIVED BY FARMERS

COMMODITY	UNIT	NORTH CAROLINA			UNITED STATES		
		Nov. 15 1978	Oct. 15 1979	Nov. 15 1979*	Nov. 15 1978	Oct. 15 1979	Nov. 15 1979*
		Dollars					
Tobacco.....	Lb.	1.252	1.370	1.392	1.302	1.382	1.443
Corn.....	Bu.	2.36	<u>2/</u> 2.79	2.83	2.02	2.41	2.31
Wheat.....	Bu.	-	-	-	3.04	3.98	3.90
Oats.....	Bu.	1.20	<u>2/</u> 1.27	1.27	1.15	1.31	1.32
Barley.....	Bu.	-	-	-	1.93	2.32	2.29
Sorghum Grains.	Cwt.	-	-	-	3.45	3.90	3.97
Soybeans.....	Bu.	6.38	6.62	6.38	6.41	6.35	6.26
Peanuts.....	Lb.	.221	.210	.205	.210	.210	.205
Cotton.....	Lb.	-	-	-	.611	.613	.617
Wool.....	Lb.	-	-	-	.812	.896	.902
Hogs.....	Cwt.	48.90	35.10	34.20	47.30	34.00	34.40
Beef Cattle....	Cwt.	45.20	53.50	53.80	51.90	65.10	64.20
Veal Calves....	Cwt.	63.00	76.20	79.00	67.20	86.70	85.10
Milk Cows.....	Hd.	680.00	1070.00	1065.00	701.00	1112.00	1124.00
Com' l. Broilers	Lb.	.245	.215	.235	.245	.211	.246
Turkeys.....	Lb.	.480	.400	.460	.472	.401	.458
Eggs <u>1/</u> .....	Doz.	.659	.656	.685	.580	.522	.574
Milk, Whlse....	Cwt.	11.90	13.10	13.40	11.50	12.60	12.80
Potatoes.....	Cwt.	8.10	4.60	4.60	3.05	3.17	3.37
Sweet Potatoes.	Cwt.	9.00	3.40	5.05	9.41	6.43	7.66
Apples, Com' l.	Lb.	.130	.103	.127	.139	.134	.140
Hay, All.....	Ton	-	-	-	46.40	60.50	59.90
Alfalfa Hay...	Ton	-	-	-	48.70	65.80	64.40
Other.....	Ton	-	-	-	41.00	47.80	49.20

1/ Average of all eggs sold by farmers including hatching eggs and eggs sold at retail by farmers. 2/ Revised. \* Preliminary.

## FEED PRICES PAID BY FARMERS

TYPE OF FEED	NORTH CAROLINA			UNITED STATES		
	Nov. 15 1978	Oct. 15 1979	Nov. 15 1979	Nov. 15 1978	Oct. 15 1979	Nov. 15 1979
<i>Per Ton - Dollars</i>						
Mixed Dairy Feed	-	-	-	133.00	152.00	151.00
14% Protein.....	-	-	-	143.00	163.00	162.00
16% Protein.....	150.00	166.00	163.00	154.00	178.00	177.00
18% Protein.....	149.00	169.00	167.00	156.00	180.00	179.00
20% Protein.....	150.00	180.00	178.00	212.00	239.00	233.00
32% Protein.....	198.00	225.00	220.00			
Poultry Feeds						
Chick Starter.....	187.00	198.00	196.00	178.00	198.00	194.00
Broiler Grower.....	183.00	180.00	185.00	174.00	196.00	193.00
Laying Feed <u>1/</u> .....	160.00	173.00	172.00	154.00	174.00	171.00
Turkey Grower <u>1/</u> ....	199.00	215.00	210.00	185.00	207.00	203.00
<i>Per 100 Lbs. - Dollars</i>						
Grain By-Products						
Bran.....	7.60	8.30	8.50	7.58	8.64	8.70
Middlings.....	7.40	8.00	7.90	7.55	8.54	8.65
Corn Meal.....	6.30	6.80	6.90	5.90	6.87	6.66
High Protein Feeds						
Cottonseed Meal 41%.	12.50	14.00	13.50	11.40	12.40	12.40
Soybean Meal 44%....	12.50	13.50	13.00	12.30	13.20	12.80

1/ Complete ration feeds which are fed without further mixing or supplementations.



## N. C. CHICK HATCH UP

Commercial hatcheries in North Carolina produced 33.0 million broiler-type chicks during October 1979. This represents a 10 percent increase over production during the same period last year. Egg-type hatch at .4 million eggs was 19 percent below October 1978.

Egg-type chicks hatched during October 1979 totaled 39.5 million, up 5 percent from a year ago. Eggs in incu-

bators on November 1, 1979 at 34.3 million were 3 percent above a year ago. Chickens in egg-type breeder flocks tested for pullorum-typhoid during October totaled 407 thousand, up 30 percent from October 1978. The number in flocks tested January through October was 3.22 million, slightly below the same period a year earlier.

### CHICKS HATCHED -- OCTOBER

STATE	Broiler-Type			Egg-Type		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Carolina	29,966	32,986	110	530	430	81
South Carolina	3,600	3,517	98	691	856	124
Georgia	45,993	45,359	99	3,804	3,824	101
Florida	7,811	8,523	109	2,812	3,166	113
Delaware	14,010	11,281	81	//	//	-
Maryland	18,248	21,298	117	//	//	-
Virginia	10,464	12,035	115	478	528	110
UNITED STATES	309,332	320,818	104	37,715	39,499	105

// Not published separately to avoid disclosing individual operations.

### TURKEY HATCH UP 40 PERCENT

The hatch of 8.93 million turkey poults during October 1979 was 40 percent above a year ago. The hatch of heavy breeds was up 36 percent from October 1978 and light breed hatch was up 72 percent.

The 12.4 million turkey eggs in incubators on November 1, 1979 were 14 percent above a year earlier. Eggs set for heavy breed turkeys were up 11 percent

from last year and light breeds were up 42 percent.

Heavy breed turkeys in flocks tested for pullorum-typhoid totaled 370 thousand, a decline of 1 percent from October 1978. Testing for July through October totaled 1.27 million, an increase of 4 percent from the same period a year ago.

### ALL TURKEYS

GEOGRAPHIC DIVISION	EGGS IN INCUBATORS NOVEMBER 1			POULTS HATCHED DURING OCTOBER		
	1978	1979	1979 As % Of 1978	1978	1979	1979 As % Of 1978
	<i>Thousands</i>		<i>Percent</i>	<i>Thousands</i>		<i>Percent</i>
North Atlantic	134	99	74	67	43	64
East North Central	1,442	1,522	106	1,048	1,286	123
West North Central	2,545	3,309	130	1,527	2,487	163
South Atlantic	3,823	3,967	104	2,444	2,932	120
South Central	1,531	1,880	123	425	985	232
West	1,375	1,633	119	852	1,192	140
UNITED STATES	10,850	12,410	114	6,363	8,925	140



NORTH CAROLINA AND UNITED STATES LIVESTOCK SLAUGHTER *1/*

SPECIES	OCTOBER				JANUARY THROUGH OCTOBER			
	Number Slaughtered		Total Live Weight		Number Slaughtered		Total Live Weight	
	1978	1979	1978	1979	1978	1979	1978	1979
NORTH CAROLINA								
	<i>Thous. Head</i>		<i>Thous. Lbs.</i>		<i>Thous. Head</i>		<i>Thous. Lbs.</i>	
Cattle	13.6	9.2	11,966	8,838	127.0	78.9	113,576	75,618
Calves	.6	.4	179	128	4.5	2.2	1,219	706
Sheep & Lambs	.1	.1	13	8	.7	.5	69	41
Hogs	167.2	240.8	37,801	53,868	1,594.7	1,843.3	354,463	410,510
TOTAL	181.5	250.5	49,959	62,842	1,726.9	1,924.9	469,327	486,875
UNITED STATES								
	<i>Million Head</i>		<i>Million Lbs.</i>		<i>Million Head</i>		<i>Million Lbs.</i>	
Cattle	3.4	3.0	3,562	3,237	33.2	28.2	34,275	29,829
Calves	.3	.3	80	61	3.6	2.4	868	582
Sheep & Lambs	.5	.5	54	53	4.5	4.2	505	478
Hogs	6.8	9.1	1,659	2,199	63.8	73.0	15,223	17,592
TOTAL	11.0	12.9	5,355	5,550	105.1	107.8	50,871	48,481

*1/ Includes slaughter under Federal Inspection and other commercial slaughter, excludes farm slaughter.*

## OCTOBER SLAUGHTER UP IN N. C.

Commercial slaughter of livestock in the Tar Heel State during October was estimated at 62.8 million pounds live weight, up 26 percent from October a year earlier.

Hog slaughter at 53.9 million pounds live weight was up 43 percent or 16.1 million pounds from October a year earlier. Cattle slaughter at 8.8 million pounds was down 26 percent or 3.1 million pounds from last year. Calf slaughter dropped 51,000 pounds from last year, but the big increase in hog slaughter more than offset the drop in cattle and calves.

The average live weight per head for cattle slaughtered was 957 pounds, up 75 pounds from October last year. The average live weight for calves was 347 pounds, up 29 pounds from a year earlier. Hog average live weight per head was 224 pounds, down 2 pounds from last year.

Commercial red meat production in

North Carolina during October totaled 43.5 million pounds, up 30 percent from October 1978.

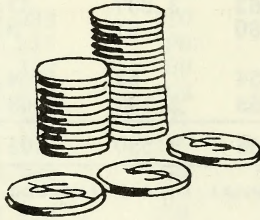
Commercial red meat production for the United States during October 1979 totaled 3.56 billion pounds, 6 percent greater than October 1978. January-October red meat production at 30.9 billion pounds was 3 percent less than last year.

Comparing October 1979 with October 1978: Beef production at 1.94 billion pounds was down 8 percent. Head kill at 3.03 million was down 11 percent, while average live weight increased 22 pounds to 1067. Veal production at 37 million pounds was down 23 percent. Calf slaughter at 254 thousand head was down 23 percent, and the average live weight of 242 pounds was down 1 pound. Pork production totaled 1.55 billion pounds, up 32 percent. The 9.10 million head killed was up 33 percent. This was a record high number for a one month period.



## WORKERS ON FARMS, OCTOBER 7-13, 1979 WITH COMPARISON

STATE	OCTOBER 8-14, 1978 <i>1/</i>			JULY 8-14, 1979 <i>1/</i>			OCTOBER 7-13, 1979		
	Total	Family	Hired	Total	Family	Hired	Total	Family	Hired
	<i>Thousands</i>								
Alabama	76	50	26	72	45	27	75	48	27
Florida	82	29	53	86	28	58	88	30	58
Georgia	66	41	25	88	47	41	71	42	29
Kentucky	145	101	44	117	90	27	110	90	20
Mississippi	84	52	32	66	32	34	72	33	39
NORTH CAROLINA	122	79	43	271	110	161	133	88	45
South Carolina	41	30	11	82	36	46	51	35	16
Tennessee	129	100	29	119	86	33	100	70	30
REGION IV	745	482	263	901	474	427	700	436	264
UNITED STATES	4080.0	2762.6	1317.4	4639.3	2831.9	1807.4	3943.5	2525.1	1418.4

*1/ Revised*

## ENERGY PRICES TO RISE IN U. S.

Petroleum price increases in agriculture have far exceeded the projected increase originally anticipated for 1979 at this time last year. In the year from September 1978, to September 1979, prices paid for gasoline by farmers increased 49 percent and prices for diesel fuel 73 percent. When weighted by seasonal consumption farmers spend 36 percent more for gasoline and 49 percent more for diesel fuel. In the 6-year period since the Arab oil embargo, prices paid by farmers have increased 163 percent for service station unleaded gasoline and 280 percent for diesel fuel.

These increases in the cost of fuel have resulted in higher production costs and in fuel representing a higher percentage of total variable costs.

The outlook for 1980 appears to be for still higher prices. Petroleum price increases have been announced by Mexico,

Kuwait and British National Oil Company. The Organization of Petroleum Exporting Countries (OPEC), will be meeting soon to discuss price increases. Expectations are that the recent actions of Mexico and Kuwait, connected with selling of oil on the spot market, will be followed by a perhaps \$2.00 to \$3.00 per barrel increase in the average OPEC price. This increase will raise refined petroleum prices 3 to 6 cents per gallon.

If some OPEC price increase occurs and supplies are tightened by reductions in output from Saudi Arabia, a 33 percent increase in farm fuel prices over 1979 could be expected for 1980. With a higher OPEC price increase and higher actual oil prices above the official OPEC sales prices, a 40 percent increase over 1979 might occur.



## PRICES FOR PESTICIDES TO RISE IN U. S.

Pesticide supplies should be adequate for all major uses in 1980. However, because of increasing production costs, prices are likely to be up 5 to 10 percent for herbicides and insecticides, and as much as 15 to 20 percent for some fungicides. The only major exception to the prospects for increased prices is atrazine. One basic producer has announced a price cut for atrazine.

Pesticide prices in 1979 were up an average of about 3 to 4 percent, after a substantial decline in 1977 and a slight decline in 1978. Average prices in 1979 were up about 10 percent for fungicides, 5 percent for insecticides, and 2 or 3 percent for herbicides. The only major product registering a price decline in 1979 was atrazine with a drop of about 2 percent. Between 1975 and 1979, the price of atrazine dropped from \$3.69 per pound of active ingredient to \$2.47 per pound.

While many pesticides are petroleum based, no raw material shortages are in prospect. However, production costs will be higher. Prices for some ingredients, particularly formulating materials such as solvents and emulsifiers, are as much as 30 to 50 percent higher than last year.

There is a large inventory carry-over of cotton insecticides because of unusually light insect infestations during the past growing season.

The synthetic pyrethroid insecticides and chlordimeform were available for use on cotton during the 1979 growing season and reduced demand for other insecticide chemicals. In addition, increased scouting observed pest infestations and other improved management practices reduced the number of cotton insecticide applications.

Pesticide demand is expected to increase in 1980, but only slightly. Herb-

icide demand is likely to be up because of greater use of multiple product treatments. Insecticide demand is likely to be greater, assuming pest populations increase from the light cotton insect infestations of last season.

World pesticide use has been projected to increase about 12 percent between 1978 and 1980. The United States accounts for about 33 percent of total world pesticide use. However, increasing use in the developing nations and restrictions limiting domestic use should reduce the U. S. share.

U. S. producers provide about 98 percent of the pesticides used in this country. In addition, they export about one-third of their production in terms of active ingredients or one-fourth in terms of sales value.

Pesticide regulations continue to play an important role in pest control decisions. The Rebuttable Presumption Against Registration (RPAR) process, a major activity in re-registering currently registered products, is continuing but is far behind schedule.

Approximately 85 products accounting for 35 to 40 percent of the farm insecticides are being reviewed. Also, 40 to 50 percent of the fungicides are being reviewed in this process.

Products for which the RPAR review process has been completed and regulatory actions specified include: DBCP (a soil fumigant), chlorobenzilate (a miticide), amatrax (a miticide-larvicide), endrin (an insecticide and pronamide (a herbicide). Some use restrictions were announced for these products.

Cancellation hearings are likely to begin soon on 2, 4, 5-T and silvex. Certain uses of these products were suspended on March 1, 1979.



## LAYERS AND EGG PRODUCTION -- OCTOBER

STATE	LAYERS ON HAND		EGGS PER 100 LAYERS		TOTAL EGGS PRODUCED	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>		<i>Number</i>		<i>Millions</i>	
North Carolina	13,550	13,600	2,018	1,953	273	266
Virginia	3,887	4,094	1,987	1,944	77	80
South Carolina	5,750	6,730	173	2,096	125	141
Georgia	24,900	25,700	1,965	2,006	489	516
Florida	12,423	12,048	2,021	2,089	251	252
UNITED STATES	285,339	287,229	2,011	2,016	5,738	5,790

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# NORTH CAROLINA FARM REPORT



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## BURLEY TOBACCO DOWN SHARPLY

The North Carolina burley tobacco crop is down 50% from last year. The production estimate as of December 1 at 10.4 million pounds is the smallest crop since 1943. The December 1 forecast is down 28% from a month earlier. The average yield per acre is estimated at 1,600 pounds, down 100 pounds from the November 1 forecast and 815 pounds below last year. Acreage harvested this season is estimated at 6,500 acres, down 25% from the 8,700 acres harvested in 1978.

Production of burley tobacco in the U. S. is forecast at 479 million pounds, down 23 percent from the 1978 crop. Yield per acre is expected to average 1,953 pounds, 446 pounds less than a year earlier and the lowest yield since 1961. Growers are expressing surprise and disappointment as their crops are weighed in at the warehouses. Damage from excess moisture and blue mold has exceeded all expectations. Burley tobacco auctions opened November 19th. Demand for burley has been strong and record high prices are being received by growers. Quality has generally been poorer than last year.

## N. C. COTTON PRODUCTION UNCHANGED

Cotton production in North Carolina is expected to total 45,000 bales this season, near the record low level in 1967 of 43,000 bales. This forecast is down 3,000 bales from the November 1 forecast but is the same as the previous year's production. The average yield per acre at 470 pounds is down 45 pounds from the record high yield of 515 pounds in 1978. Acreage harvested in 1979 totaled 46,000 acres, up 4,000 from a year earlier.

The Nation's cotton crop is forecast at 14.5 million bales, down slightly from last month's forecast but 34 percent more than last year's crop. Upland production is expected to total 14.4 million bales and American-Pima, 102 thousand bales. Cottonseed production, based on a three year average lint-seed ratio, is forecast at 5.66 million tons.

In the Southeastern States--Alabama, Georgia, North Carolina and South Carolina--production is forecast at 630 thousand bales, up 1 percent from last month and 12 percent above 1978. Harvest is in the final stages.

(See Cotton, Page 3)

## BURLEY TOBACCO, DECEMBER 1, 1979

STATE	Harvested Acres		Yield Per Acre		Production	
	1978	Ind. 1979	1978	Ind. 1979	1978	Ind. 1979
	Thousands		Pounds		Thousand Pounds	
Indiana	6,600	6,500	2,350	2,050	15,510	13,325
Kentucky	173,000	160,000	2,475	2,025	428,175	324,000
Missouri //	2,400	2,300	2,280	2,300	5,472	5,290
NORTH CAROLINA	8,700	6,500	2,415	1,600	21,011	10,400
Ohio	8,500	8,500	2,300	1,650	19,550	14,025
Tennessee	50,000	50,000	2,200	1,850	110,000	92,500
Virginia	10,300	10,000	2,315	1,700	23,845	17,000
West Virginia //	1,500	1,500	1,800	1,750	2,700	2,625
U. S. TOTAL	261,000	245,300	2,399	1,953	626,263	479,165

// Estimates for current year carried forward from earlier forecast.



## COTTON (Cont'd. From Page 1)

Growers in the Delta States--Arkansas, Louisiana, Missouri, Mississippi and Tennessee--expect to harvest 2.99 million bales, up 2 percent from both last month's forecast and last year.

Upland production in Texas and Oklahoma is forecast at 6.12 million bales, down 2 percent from last month's forecast but 48 percent more than produced in 1978.

In the Western States--Arizona, California and New Mexico--Upland production is forecast at 4.69 million bales, up less than 1 percent from the November forecast and 51 percent more than last year.

The Bureau of the Census reports 9,937,312 running bales ginned to December 1, compared with 6,668,221 bales ginned to the same date in 1978 and 11,710,550 in 1977.

## N. C. PECAN PRODUCTION DOWN

Pecan production in North Carolina is estimated at 3 million pounds, down 25% from the 1978 output. Improved varieties accounted for 70% of the total, while native and seedling varieties accounted for the remainder.

U. S. production of pecans is forecast at 222

million pounds, down 11% from the amount harvested in 1978. Native and seedling varieties at 126 million pounds accounted for 57% of total production compared to 34% in 1978. The improved varieties are estimated at 96 million pounds, 42% less than the 1978 crop.

## N. C. OATS CROP LARGER

Oats production in North Carolina during 1979 totaled 5.3 million bushels, up 2% from the previous year's production of 5.2 million bushels. The average yield per acre at 56 bushels is up one bushel from the previous year. Acreage harvested in 1979 totaled 95,000 acres, identical to the 1978 acreage but 20,000 acres more than 1977.

U. S. production of oats during 1979 totaled 534 million bushels, down 10% from the previous year's production of 596 million bushels. This is the lowest production since 1881. Yield per harvested acre averaged 54.4 bushels compared with 52.2 bushels a year earlier. This is the third highest yield on record, exceeded only by the 55.9 bushels per acre in 1971 and the 55.8 bushels in 1977. The 9.83 million acres harvested for grain is 14% below a year earlier and the smallest acreage harvested since 1869.

## N. C. BARLEY CROP LARGER

Barley production in North Carolina during 1979 totaled 3.1 million bushels, up 3% from the previous year's production of 3.0 million bushels. The average yield per acre at 51 bushels is the same as the previous year but 11 bushels more than 1977. Acreage harvested in 1979 totaled 61,000 acres, up 2,000 acres from a year earlier.

U. S. production of barley during 1979 totaled 378 million bushels, down 16% from the previous year's production of 449 million bushels. Yield per harvested acre averaged a record high 50.6 bushels, up 2.0 bushels from the previous record high set last year. The 7.47 million acres harvested for grain is 19% below a year earlier and the smallest acreage harvested since 1934.



## DECEMBER GENERAL CONDITION

Temperatures during much of December were generally seasonable. A cold front that passed through the State early in the month brought the coldest weather of the season. Temperatures dipped down in the teens and 20s. Rainfall was heaviest early in the month, too. Periods of rainfall was beneficial to small grains germination but hampered some harvesting activities.

Corn harvest made average progress during this Fall but was behind last year's completion date. Soybean harvest to date at 94% complete is a little ahead of last year's pace and slightly ahead of average. Cotton harvest made excellent progress finishing the season ahead of

both last year's progress and the five-year average. Sorghum grain harvest was completed behind normal schedule due mostly to late plantings.

Soil moisture amounts are reported mostly adequate to date. The availability of feed from pastures across the State is fair to mostly good. Some excellent pasture conditions have been reported in the Piedmont Region while poor conditions were noted in the Mountain Region. Small grains seeding was virtually complete by Christmas, on schedule. The condition of the crops is fair to mostly good with some excellent stands being reported.

### N. C. RYE PRODUCTION UNCHANGED

Rye production in North Carolina during 1979 totaled 460,000 bushels, identical to the previous year but 15% above the 1977 crop. The average yield per acre, at 23 bushels, is also identical to the previous year but 4 bushels above the 1977 average yield. Acreage harvested in 1979 totaled 20,000 acres, the same as last year but down 1,000 acres from 1977.

Rye acreage seeded this Fall in North Carolina for harvest in 1980 is estimated at 150,000 acres, up 3% from the 145,000 seeded the previous year.

U. S. production of rye during 1979 totaled 24.5 million bushels, down 6% from the previous year's production of 26.2 million bushels, but 42% more than the 1977 crop. Yields averaged 25.9 bushels per acre nationally, down 0.4 bushels from a year ago. Growers harvested 949,000 acres compared with 995,000 the previous year. North Dakota and South Dakota together account for nearly half of the 1979 rye production.

Farmers in the U. S. seeded 2.65 million acres of rye in the Fall of 1979 for the 1980 crop. This is 14% less than last year's 3.08 million acres and 11% less than the acreage seeded two years ago.

### 1979 WHEAT CROP UP SHARPLY

Winter wheat production in North Carolina during 1979 totaled 7.6 million bushels. This is up 27% from the previous year's production of 5.9 million bushels. The average yield per acre at 36 bushels is up 3 bushels from 1978. Acreage harvested in 1979 totaled 210,000 acres compared to 180,000 harvested in 1978.

Wheat acreage seeded this fall in North Carolina for harvest in 1980 is estimated at 300,000 acres, up 28% from the 235,000 acres seeded the previous year.

U. S. production of winter wheat during 1979 totaled 1.61 billion bushels, up 29% from the previous year's production of 1.25 billion bushels and the second largest crop of record. A record high yield of 36.9 bushels per acre this year exceeded by 1.5 bushels, the previous record set in 1971. Growers harvested 43.6 million acres for grain, 12% more than the previous year.

Farmers in the U. S. seeded 56.8 million acres of Winter wheat in the Fall of 1979 for the 1980 crop. This is 9% more than last year's 51.9 million acres and 19 percent more than the acreage seeded two years ago.



## NOVEMBER MILK PRODUCTION UP

Milk production in North Carolina during November was estimated at 133 million pounds, an increase of 3 percent above November, 1978. The number of milk cows on Tarheel farms was estimated at 141,000 head, 2,000 less than a year ago. However, the average milk production per cow at 940 pounds was up 40 pounds from November a year earlier.

The average price per head for milk cows for dairy herd replacement was estimated at \$1,070.

November milk production in the U. S. totaled 9.6 billion pounds, 2 percent above November 1978. Accumulated production for January-November 1979 was 114 billion pounds, 1 percent above both the corresponding period a year earlier and 2 years ago. Production per cow averaged 892 pounds, 28 pounds more than a year earlier and 34 pounds above November 1977. Total milk cows averaged 10.8 million head, off 1 percent from last year.

### MILK COWS AND MILK PRODUCTION--NOVEMBER

STATE	Milk Cows On Farms <i>//</i>		Milk Per Cow		Milk Production		
	1978	1979	1978	1979	Pounds		1979 As % Of 1978
					1978	1979	
	<i>Thousands</i>		<i>Pounds</i>		<i>Millions</i>		<i>Percent</i>
NORTH CAROLINA	143	141	900	940	129	133	103
Maryland	134	130	910	940	122	122	100
Virginia	172	170	895	915	154	156	101
Georgia	129	127	845	840	109	107	98
Florida	190	185	790	800	150	148	99
UNITED STATES	10,837	10,758	864	892	9,364	9,598	102

*// Includes dry cows. Excludes heifers not yet fresh.*

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